TV

Your Television's Directions for Use

STOP!

Read this manual first!

Congratulations on purchasing this Philips product.
We've included everything you need to get started.
If you have any problems, Philips Representatives can help you get the most from your new product by explaining:

- *Hookups,*
- *First Time Setup, and*
- *Feature Operation.*

Do not attempt to return this product to the store.

For fast help, call us first!
1-800-531-0039

Thank you for making Philips a part of your home!

Let's make things better.

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Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification

Owner Confirmation

Model Registration

Congratulations on your purchase, and welcome to the "family!"

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PHILIPS Hurry! PHILIPS NEEDED WITHIN 10 DAYS

Dear PHILIPS product owner:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network. And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome–and thanks for investing in a PHILIPS product.

Sincerely,

Philips Consumer Electronics Company

P.S. Remember, to get the most from your PHILIPS product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these **safety** *symbols*

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

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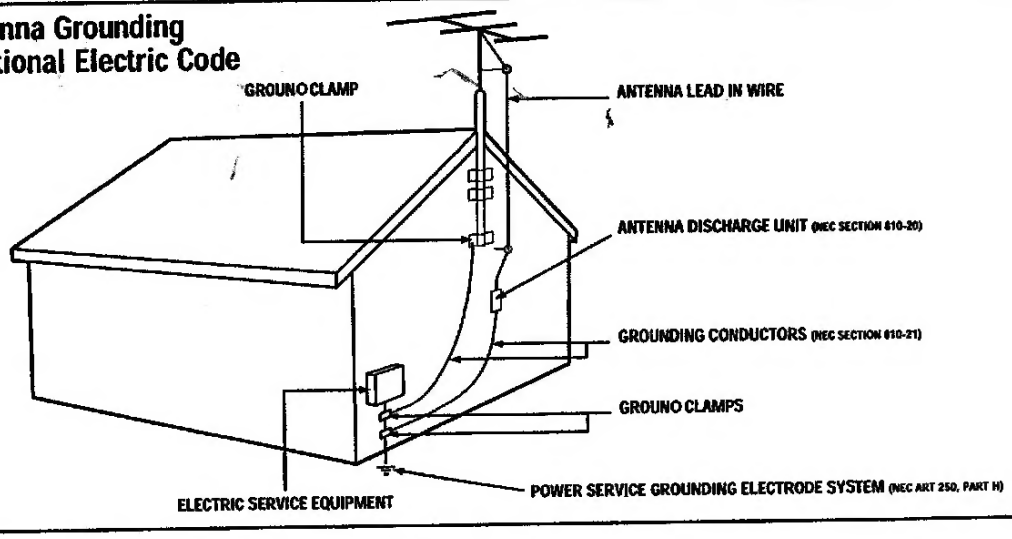
IMPORTANT SAFETY INSTRUCTIONS
Read before operating equipment

1. Read these instructions.
2. Keep thesa instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near watar.
6. Clean only with a dry cloth.
7. Do not block any of the vantilation openings. Instell in accordance with the manufacturers instructions.
8. Do not installl near eny heat sources such as radiators, haat registers, stoves, or other apparetus (including emplifiers) that produce heat.
9. Do not defaet the safaty purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wida blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect tha power cord from being walked on or pinched perticularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with e cart, stand, tripod, bracket, or table specified by the manufecturer, or sold with the apperatus. When a cert is used, use caution when moving the cart/apparatus combination to avoid injury from tip-ovar.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Sarvicing is required when the apparatus has been damaged in eny way, such as power-supply cord or plug is damagad, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead and marcury. Disposal of these materials may be regulatad due to environmantal considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
16. **Damage Requiring Service** - The appliance should be serviced by qualifiad service personnel when:
    A. Tha powar supply cord or tha plug has been damaged; or
    B. Objects have fallen, or liquid has been spilled into the appliance; or
    C. The eppliance has been exposed to rain; or
    D. The appliance does not appear to operete normally or exhibits a marked change in performance; or
    E. The eppilence has been dropped, or the enclosure damaged.
17. **Tilt/Stability** - All televisions must comply with recommended international global safaty standards for tilt and stability properties of its cabinat design.
    • Do not compromisa these design standards by applying excessive pull force to the front, or top, of the cebinet which could ultimately ovartum tha product.
    • Also, do not andanger yoursalf, or children, by placing electronic equipment/toys on the top of the cebinet. Such items could unsuspectingly fall from the top of the set end ceuse product damege and/or personal injury.
18. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or celling only es recommended by the manufacturer.
19. **Power Lines** - An outdoor antenna should be iocated away from power lines.
20. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is groundad so as to provida some protection against voltaga surges end built up static charges.
    Section 810 of tha National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mats and supporting structure grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of entenna-discharge unit, connection to grounding electrodes and requirements for the grounding alectrode. Sea Figure below.
21. **Object and Liquid Entry** - Cere should be taken so that objects do not fall and liquids are not spllied into the enclosure through openings.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, es close to the point of cable entry as practical.

Example of Antenna Grounding as per NEC - National Electric Code



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Here are a few of the special features built into this new Color Television:

AutoLock™ feature allows you to block the viewing of certain channels or external audio/video connections where you might not want your children viewing inappropriate material.

Infrared Remote Control works your TV set, and allows you to program certain features with the press of one button. Can also be used with accessory devices such as VCRs, DVDs, Cable Boxes, and more.

Audio/Video Jackpanel for direct connections of accessory devices. There are even convenient Front A/V Inputs for Camcorder use and Headphones.

Standard broadcast (VHF/UHF) or Cable TV (CATV) channel capability.

Closed Captioning allows the viewer to read TV program dialogue or voice conversations as on-screen text.

Automatic Programming of Channels for quick and easy selection of favorite stations available in your area.

On-screen Features (in either English or Spanish) show helpful messages for setting of TV controls.

On Timer automatically turns the TV ON at a preset time, and channel.

Sleeptimer automatically turns the TV OFF at preset times.

Auto Picture™ allows you to set the picture color, tint, contrast, etc. for various types of programming such as Sports, Movies, Personal, Weak Signal, or Multi Media with the push of one button.

Auto Sound™ controls allow you to set the sound controls for various types of listening programs such as Personal (sound controls the way you set them), Theater, Music, or Voice with the push of one button.

Treble, Bass and Balance controls to enhance the television's sound.

NOTE: It is possible that this owner's manual may be used with several different television models. Not all features (and drawings) discussed in this manual will necessarily match those found with your television system. This is normal and does not require you contacting your dealer or requesting service.

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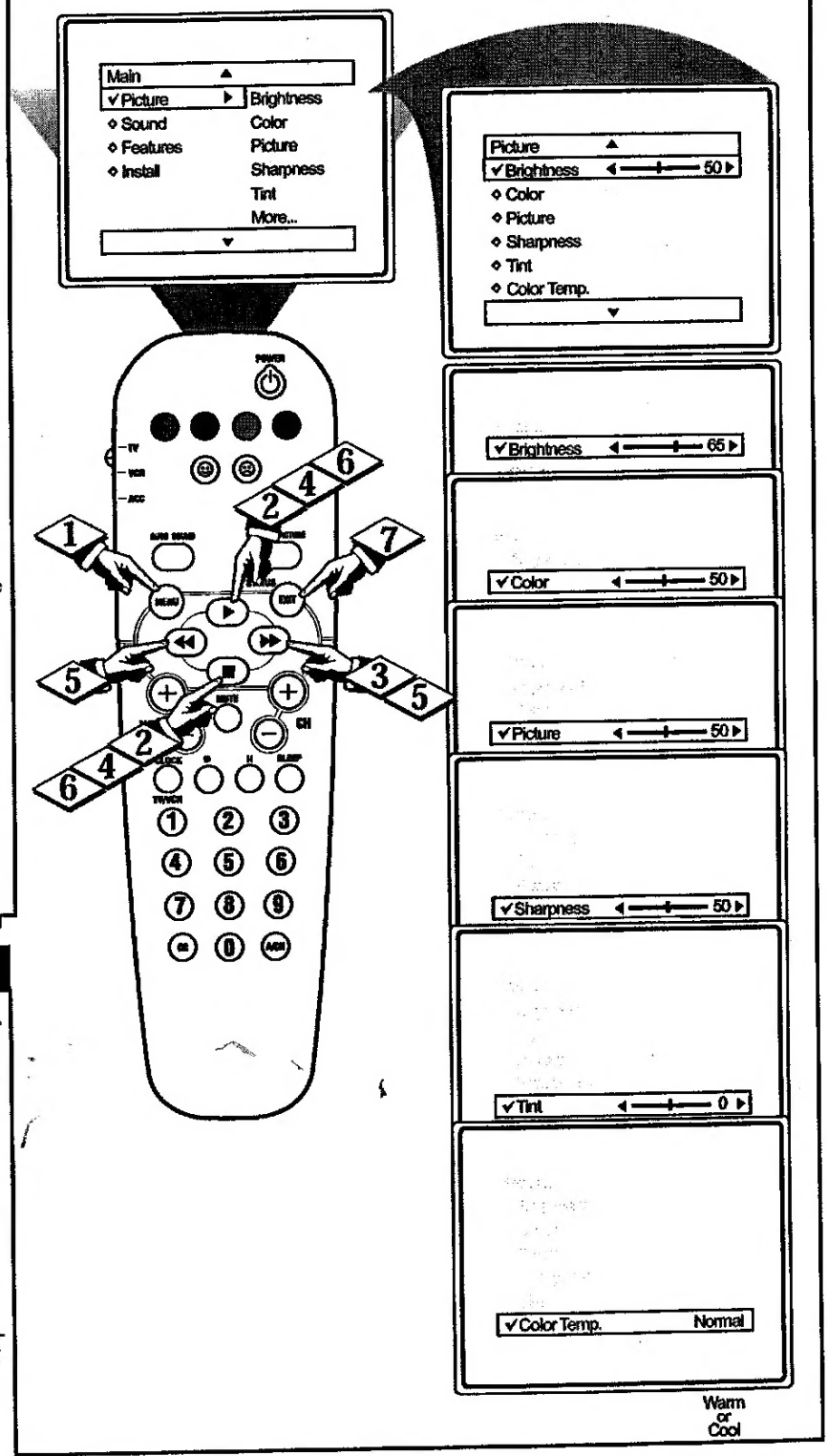
How to Use the Picture Adjustment Controls

To adjust your TV picture controls, select a channel and follow the steps shown below:

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ buttons** until the word **PICTURE** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **PICTURE** menu features.
4. **Press CURSOR UP ▶ or DOWN ■ buttons** to scroll the Picture features and highlight the control you wish to adjust (Brightness, Color, Picture, Sharpness, Tint, or Color Temp.).
5. **Press the CURSOR RIGHT ▶▶ or the CURSOR LEFT ◀◀ buttons** to adjust the selected control or to make selections for the Color Temp. control (Normal, Warm, or Cool).
6. **Press the CURSOR UP ▶ or DOWN ■ buttons** to select and adjust other Picture Menu controls.
7. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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BRIGHTNESS Press the ▶▶ or ◀◀ buttons until darkest parts of the picture are as bright as you prefer.

COLOR Press the ▶▶ or ◀◀ buttons to add or eliminate color.

PICTURE Press the ▶▶ or ◀◀ buttons until lightest parts of the picture show good detail.

SHARPNESS Press the ▶▶ or ◀◀ buttons to improve detail in the picture.

TINT Press the ▶▶ or ◀◀ buttons to obtain natural skin tones.

COLOR TEMP Press the ▶▶ or ◀◀ buttons to select NORMAL, COOL, or WARM picture preferences. (NORMAL will keep the whites, white; COOL will make the whites, bluish; and WARM will make the whites, reddish.)

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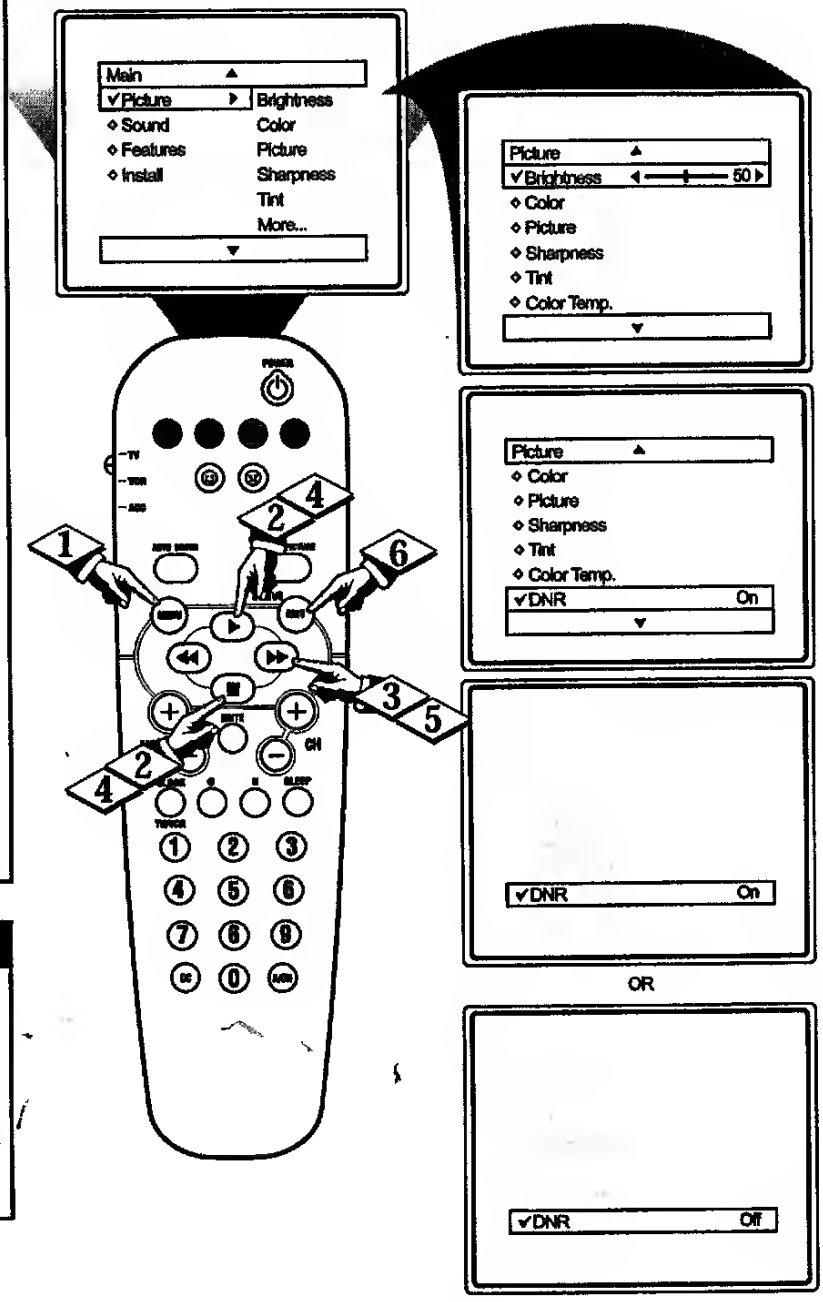
How to Use the DNR (Noise Reduction) Control

For reasons such as poor cable reception, the picture can sometime appear slightly "speckled" (or has signal noise shown in the picture). The DNR (Dynamic Noise Reduction) control can help eliminate this type of interference and improve the quality of the picture.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **PICTURE** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **PICTURE** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Picture menu features until the word **DNR** is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** turn the **DNR** feature **ON** or **OFF**.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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"Noise" Reduction is a video adjustment feature that affects the picture quality of the TV not the sound.

NOTE: If the Sharpness control setting is under 50 (see Picture Adjustments on the previous page), the DNR control will have little or no effect to the TV's picture when switched to ON.

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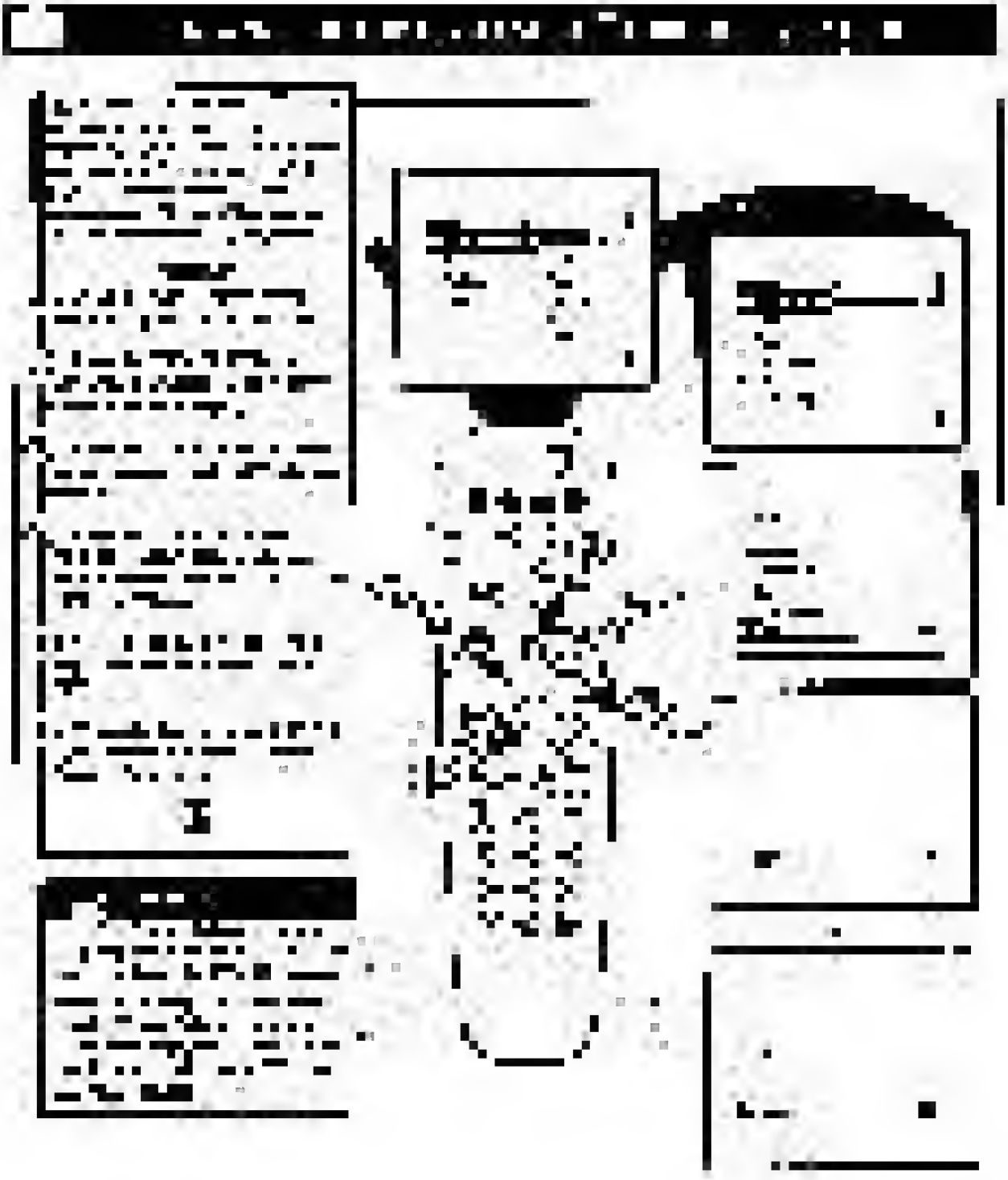

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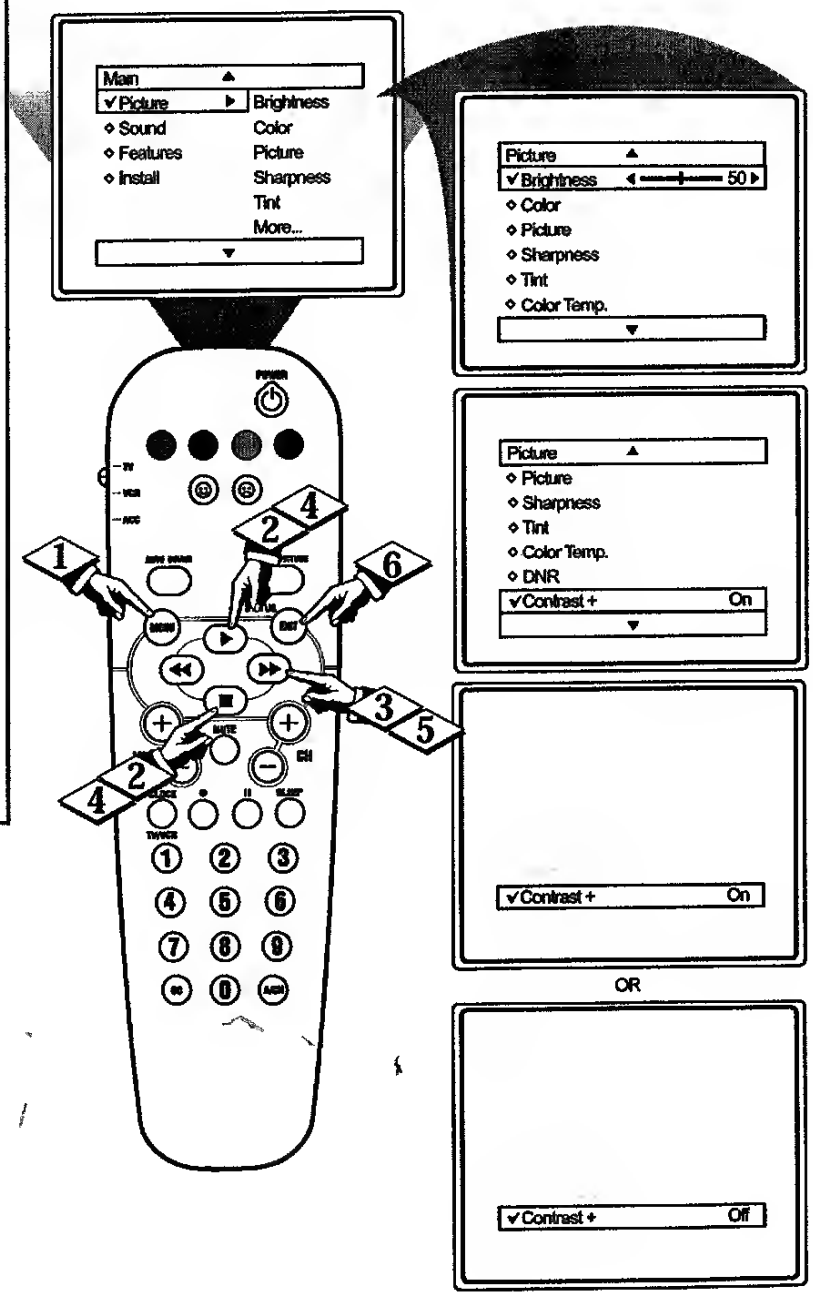
How to Use the Contrast + (Black Stretch) Control

The Contrast + (Black Stretch) control helps to "sharpen" the picture quality. The black portions of the picture become richer in darkness and the whites become brighter.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **PICTURE** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **PICTURE** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Picture menu features until the word **CONTRAST +** is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** turn the **CONTRAST +** feature ON or OFF.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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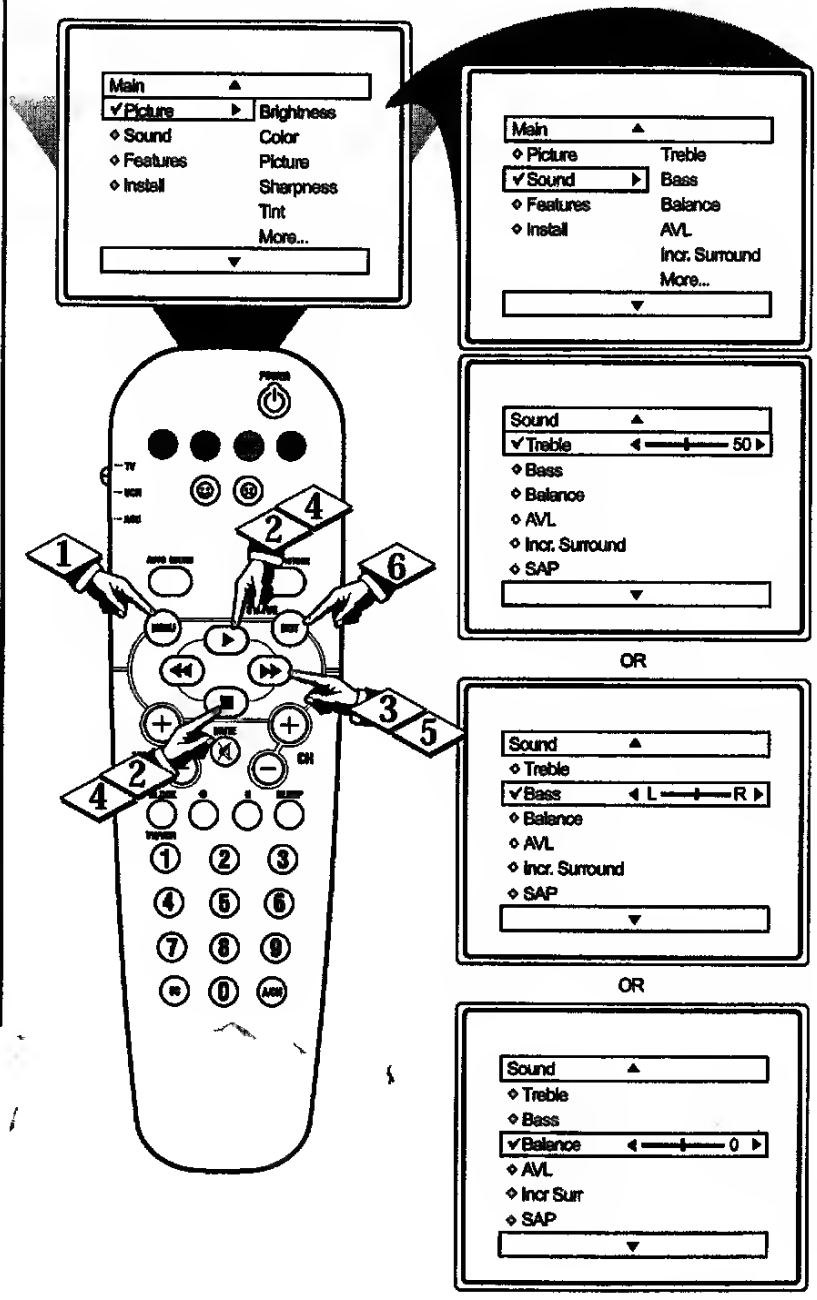
How to adjust the Bass, Treble, and Balance Controls

Besides the normal volume level control, your TV also has Bass, Treble and Balance sound controls. The TREBLE control effects only the high frequency sound coming from the TV enhancing the highs; while the BASS control effects only the low frequency sound coming from the TV enhancing the lows. The Balance control adjusts the sound level being heard from each speaker.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Sound menu features until the words **TREBLE, BASS or BALANCE** are highlighted.
5. **Press the CURSOR RIGHT ▶▶ or LEFT ◀◀ button** to adjust the **Treble, Bass or Balance** controls.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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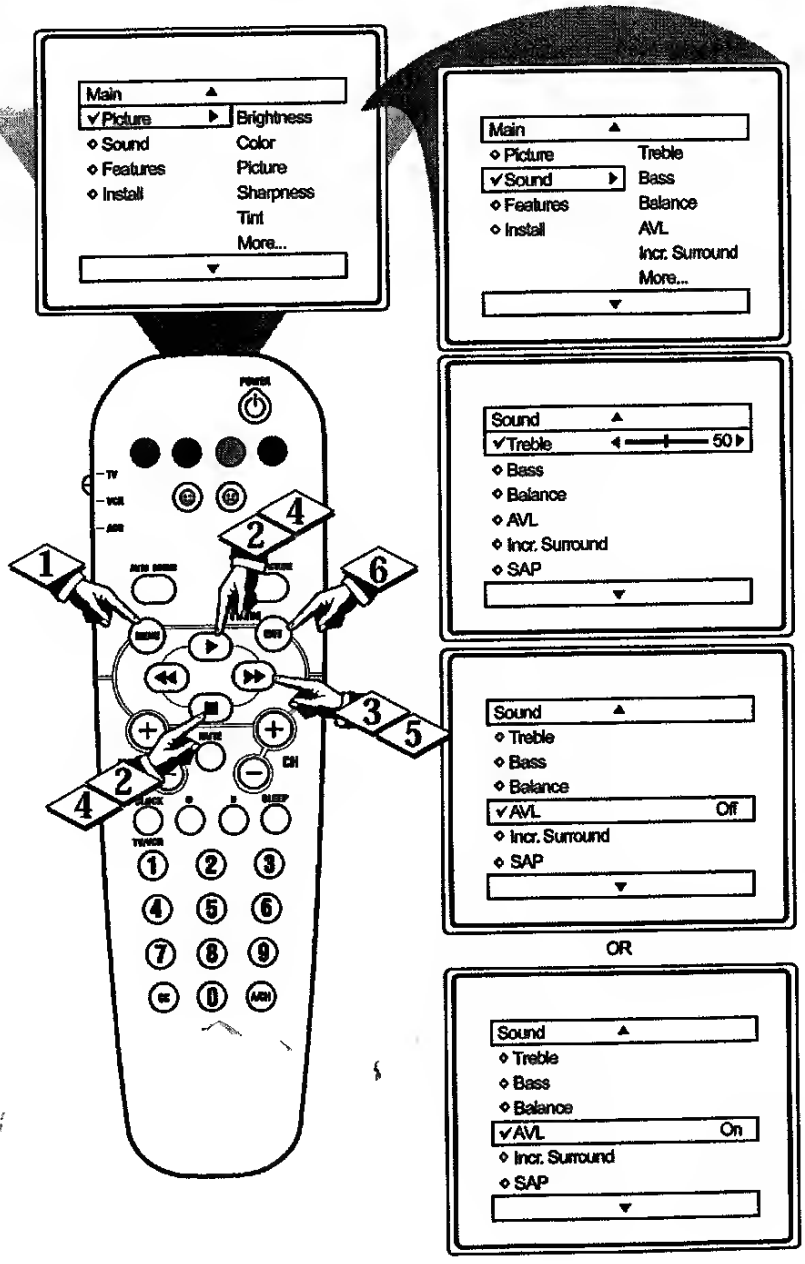
How to Use the AVL (Automatic Volume Leveler) Control

In most cases, the volume levels coming from broadcast programming or commercials are never the same. With the AVL (Audio Volume Leveler) control turned ON, you con have the TV level out sound that is being heard. This makes for a more consistent sound by reducing the peaks ond valleys that occur during program changes or commercial breaks. To turn the AVL ON, follow these steps.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** to scroll the Sound menu features until the word **AVL** is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** to turn the **AVL** control **ON** or **OFF**.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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Setting the Incredible Surround Control

The Incredible Surround feature adds greater depth and dimension to both monaural (MONO) and stereo TV sound. With the control turned ON the TV's speakers can add even wider sound separation to normal broadcasts.

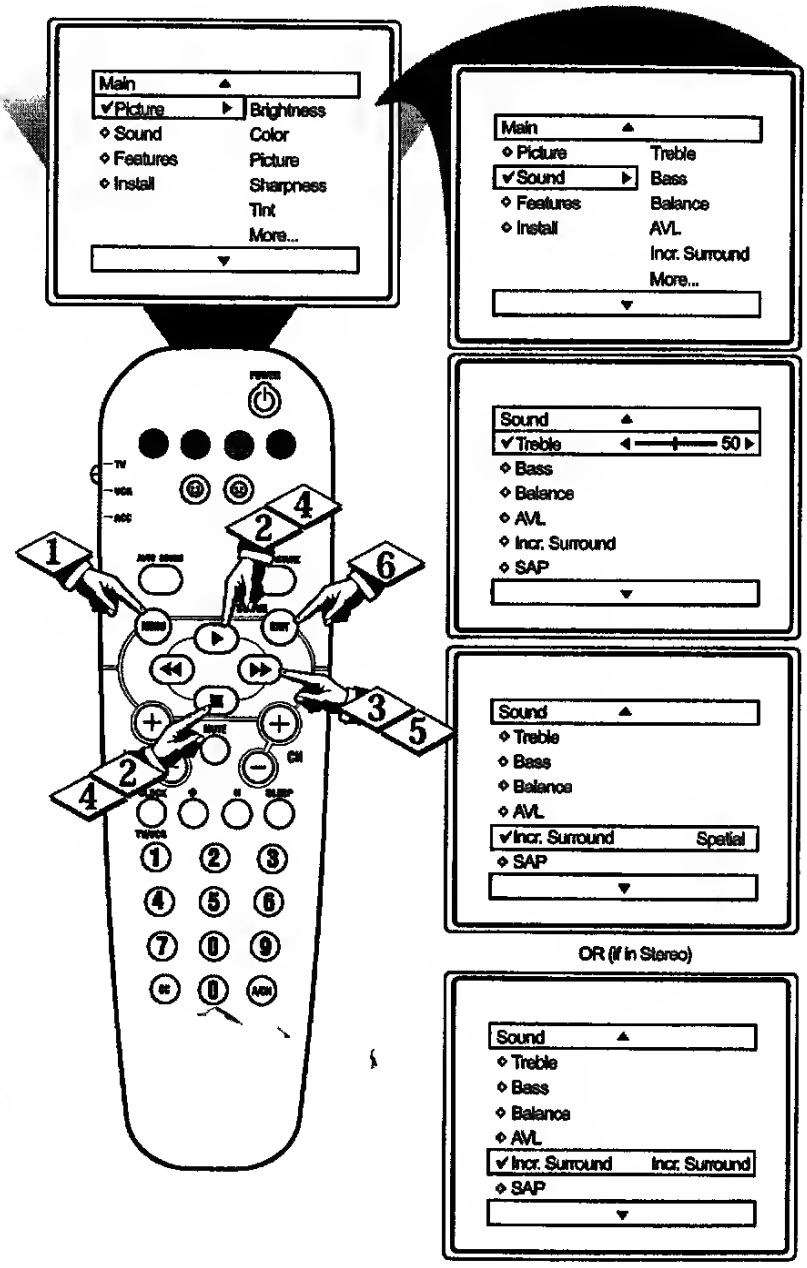
BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Sound menu features until the words **INCR. SURROUND** are highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** to set the **Incredible Surround** control as follows:

   MONO: When in the Mono Sound Mode, Incredible Surround can be set to Mono or Spatial.

   STEREO: When in the Stereo Sound Mode, Incredible Surround can be set to Stereo or Incredible Surround.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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NOTE: If the TV signal is being received from a mono source, pressing the INCR. SURR. button will cause either MONO or SPATIAL to appear on the the screen. If the TV signal is being received from a stereo source and the "Sound" control is set to Stereo, pressing the INCR. SURR. button will toggle two choices: STEREO and INCR. SURROUND.

SPATIAL – widens the "Mono" sound, simulating a broader, fuller sound.

INCR. SURROUND – widens the "Stereo" sound, simulating a broader, fuller sound.

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SETTING THE TV FOR SAP (SECONDARY AUDIO PROGRAMS)

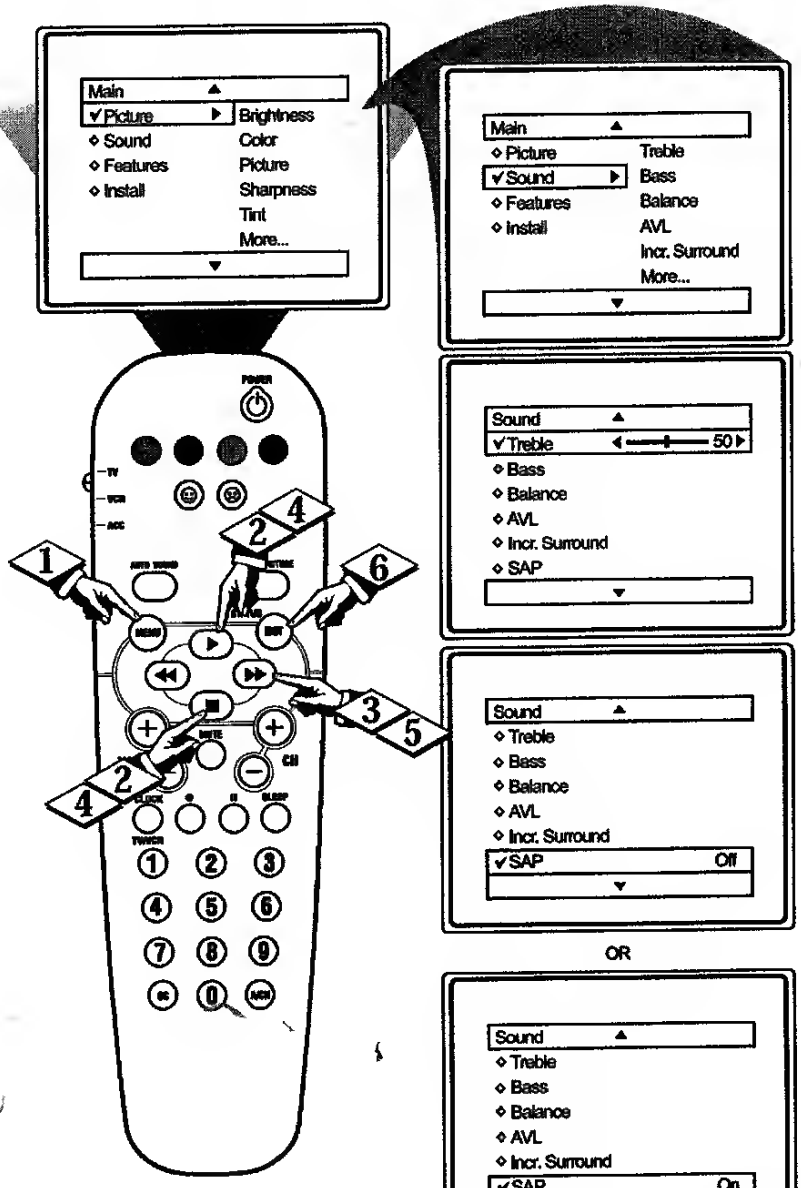
A SAP signal is an additional part of the stereo broadcast system. Sent as a third audio channel, a SAP signal can be heard apart from the current TV program sound. TV stations are free to use SAP for any number of purposes.

If a SAP signal is not present with a selected program, the SAP option cannot be selected. Also, if SAP is selected on a channel (with SAP) and you select another channel, when you return to the original channel, SAP will be OFF. You will have to reselect the SAP feature.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Sound menu features until the word **SAP** is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** to turn the **SAP** control **ON** or **OFF**.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



Note: If SAP is not present on the channel you are tuned to, when the SAP control is set to ON the screen will read:
"SAP NOT AVAILABLE."

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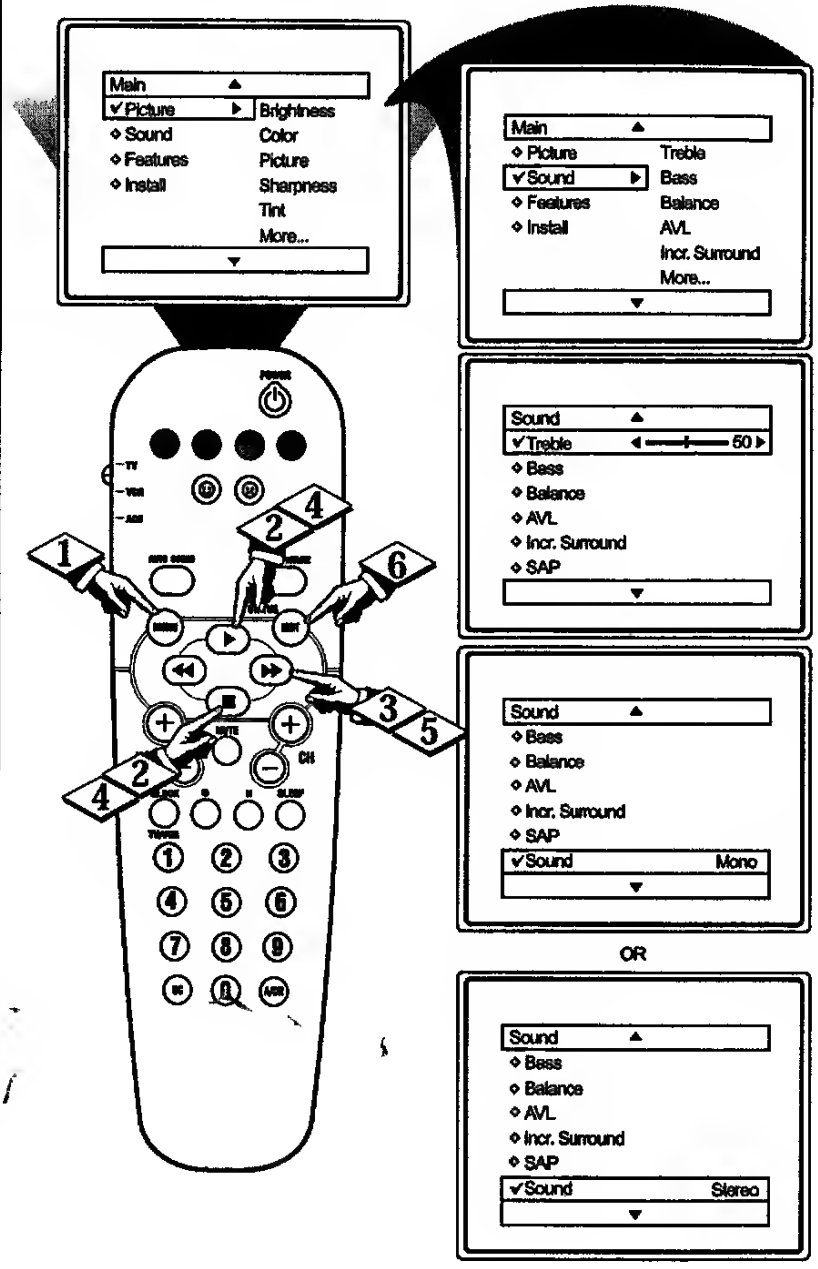
Setting the TV to Receive Stereo Programming

You can receive broadcast stereo TV programs. The TV has both an amplifier and twin speakers through which the stereo sound can be heard.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Sound menu features until the word **SOUND** is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button** to set the **Sound** control to Mono or Stereo.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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Remember, if stereo is not present on a selected show, the Sound control cannot be changed to Stereo. On the other hand, if stereo is present on a selected show the Sound control can be set to Mono.

When channel changes are made, the screen may indicate Mono for a second or two, then change to Stereo if the signal being received is in stereo.

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How to the Timer Controls

The Timer controls allow you to use your TV as an alarm clock if set to turn itself on and off at a specific time. It also can be set to tune to a specific channel at a specific time.

BEGIN

1. **Press the CLOCK button** on the remote. The Timer menu will appear on the screen.

2. **Press the CURSOR UP ▶ or DOWN ■ button** to highlight one of the Timer controls you wish to set (Time, Start Time, Stop Time, Channel, Activate, or Display).

3. **Press the CURSOR RIGHT ▶▶ button** to adjust the selected option.

   TIME: Enter the current time with the numbered buttons. Use the Cursor Right button to move to the AM/PM area and use the Cursor Left or Right buttons to toggle AM or PM.

   START TIME: Use the numbered buttons to enter a start-up time for the TV to turn on or to tune a specific channel.

   STOP TIME: Use the numbered buttons to enter a time for the TV to shut itself off.

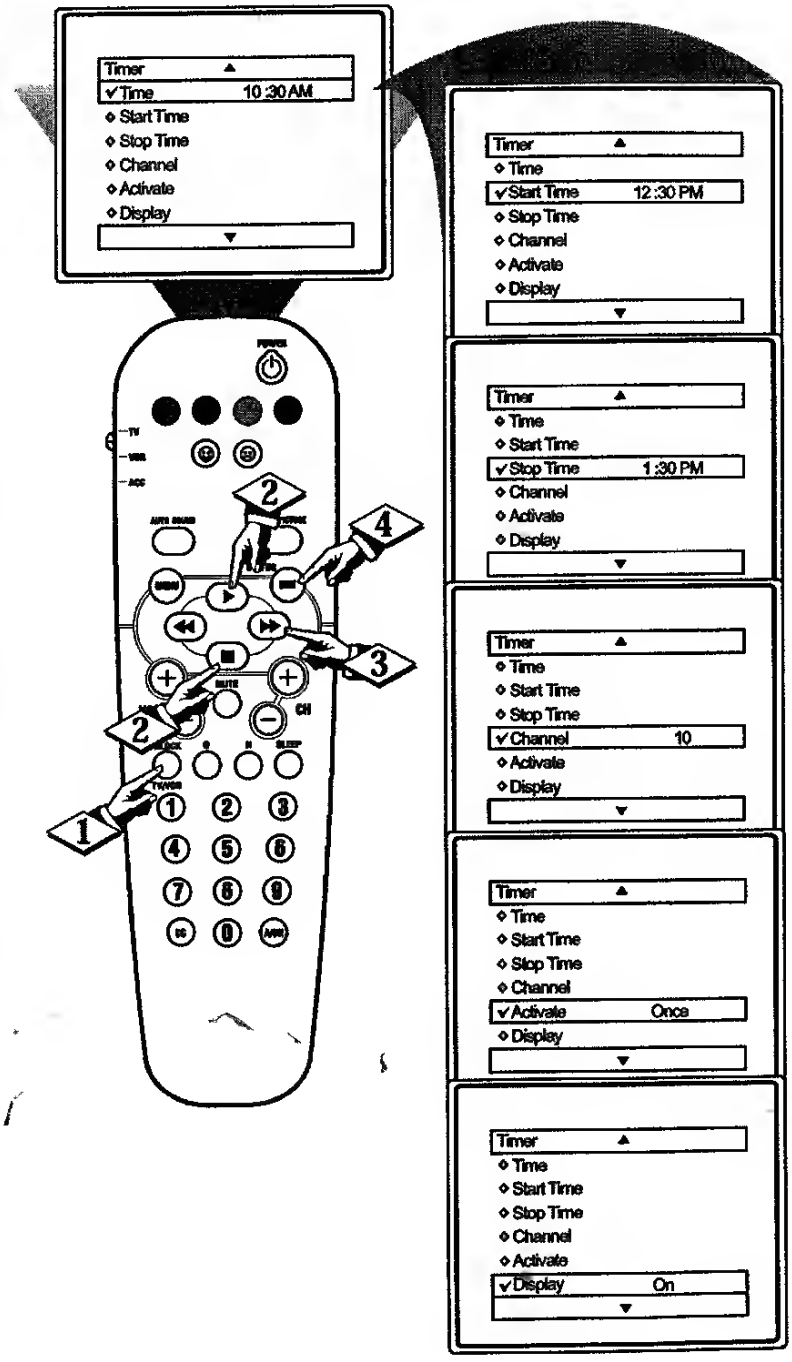
   CHANNEL: Use the Numbered buttons or the CH + or – buttons to select a specific channel for the TV to tune to at the specific Start Time.

   ACTIVATE: Set the Timer to preform it's function ONCE or DAILY.

   DISPLAY: Set to ON or OFF. When ON, the time will be displayed ALL the time the TV in ON. When OFF, the time will only appear when the STATUS/EXIT button is pressed.

4. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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Understanding the AutoLock Controls

The AutoLock feature is an integrated circuit that receives and processes data sent by broadcasters, or other program providers, that contain program content advisories. When programmed by the viewer, a TV with AutoLock can respond to the content advisories and block program content that may be found objectionable (such as offensive language, violence, sexual situations, etc.). This is a great feature to censor the type of viewing children may watch.

Over the next few pages you'll learn how to block channels and certain rated programming. Below is a brief explanation of some terms and ratings you will find in the AutoLock feature.

AutoLock offers various BLOCKING controls from which to choose:

Access Code: An Access Code must be set to prevent children from unblocking questionable or censored programming set by their parents.

Channel Block: After an access code has been programmed, you can block individual channels including the A/V inputs.

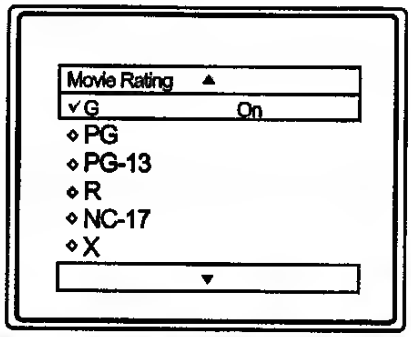
Clear All: Allows you clear all channels being blocked from your viewing set with the Channel Block Control.

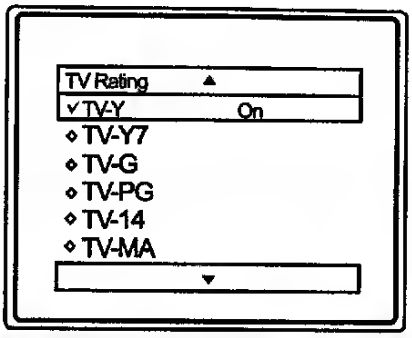
Block All: Allows you to block ALL channels and A/V inputs at one time.

Movie Ratings: Certain blocking options exist which will block programming based on ratings patterned by the Motion Pictures Association of America.

TV Ratings: Just like the Movie Ratings, programs can be blocked from viewing using standard TV ratings set by TV broadcasters.

To learn more about the Motion Picture Association of America Ratings and the TV Broadcasters Television Ratings, refer to the definitions listed on the columns to the right.





Movie Ratings
(Motion Picture Association of America)

G: General Audience - All ages admitted. Most parents would find this program suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children. It may contain one or more of the following: moderate violence, some sexual situations, infrequent coarse language, or some suggestive dialogue.

PG-13: Parents Strongly Cautioned - This programming contains material that parents may find unsuitable for children under the age of 13. It contains one or more of the following: violence, sexual situations, coarse language, or suggestive dialogue.

R: Restricted -This is programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying parent or adult guardian. It contains one or more of the following: intense violence, intense sexual situations, strong coarse language, or intensely suggestive dialogue.

NC-17: No one under the age of 17 will be admitted. - This type of programming should be viewed by adults only. It contains graphic violence, explicit sex, or crude indecent language.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, very coarse and intensely suggestive language.

TV Parental Guidelines
(TV Broadcasters)

TV Y ***TV-Y*** - **(All children** – *This program is designed to be appropriate for all children.*) Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV Y7 ***TV-Y7*** - **(Directed to Older Children** - - *This program is designed for children age 7 and above.*) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

TV G ***TV-G*** - **(General Audience** -- *Most parents would find this program suitable for all ages.*) This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

TV PG ***TV-PG*** - **(Parental Guidance Suggested** -- *This program contains material that parents may find unsuitable for younger children.*) This type of programming contains one or more of the following: moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

TV 14 ***TV-14*** - **(Parents Strongly Cautioned** - - *This program contains some material that many parents would find unsuitable for children under 14 years of age.*) This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).

TV MA ***TV-MA*** - **(Mature Audience Only** -- *This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.*) This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude indecent language (L).

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SETTING UP THE AUTOLOCK ACCESS CODE

Over the next few pages you'll learn how to block channels and get a better understanding of the rating terms for certain programming.

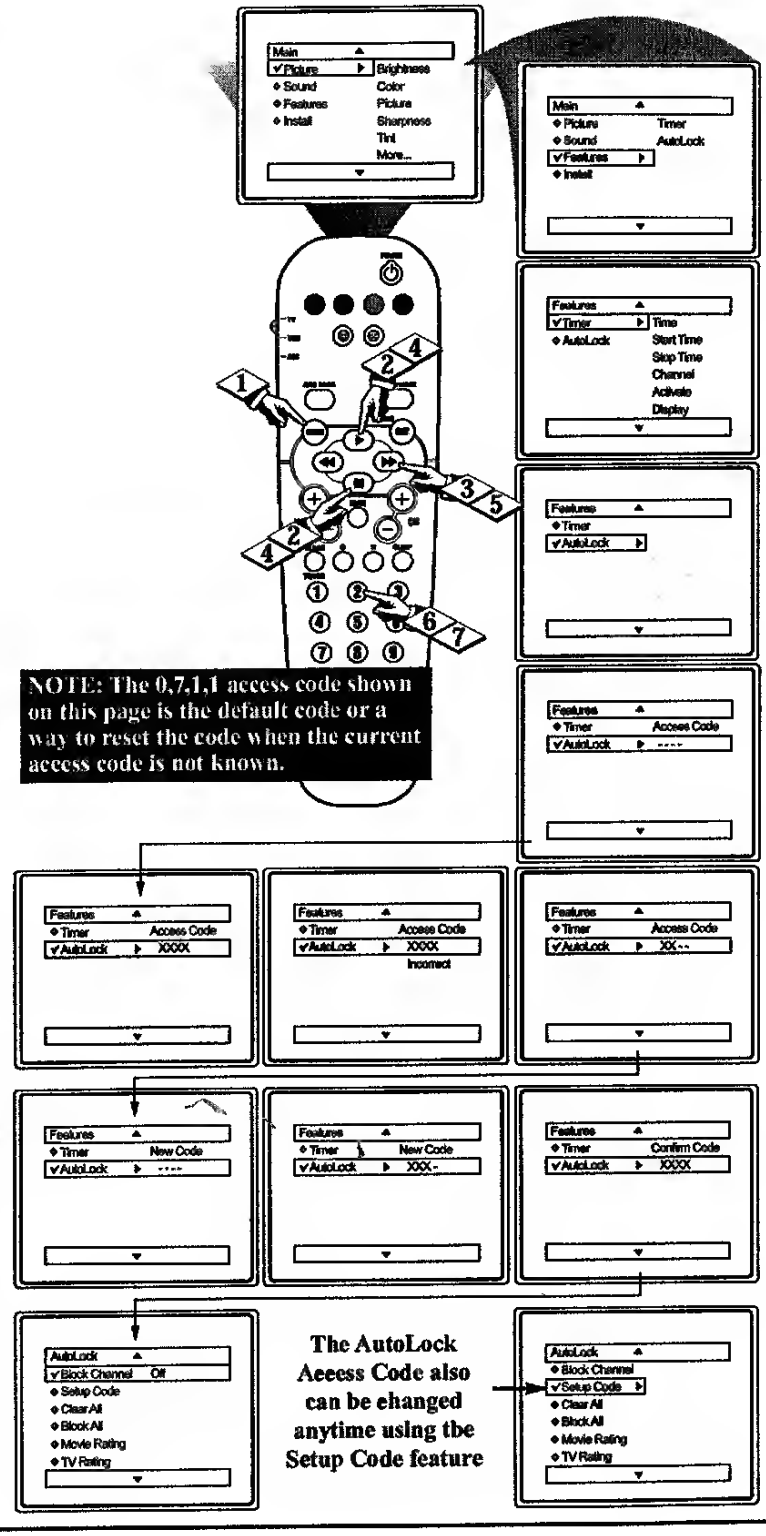
First, let's start by learning how to set a personal access code:

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ button** until the word **FEATURES** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the FEATURES menu options.
4. **Press the CURSOR UP ▶ or DOWN ■ button** until the words AUTOLOCK are highlighted.
5. **Press the CURSOR RIGHT ▶▶ button.** The screen will read, **"ACCESS CODE - - - - ."**
6. **Using the NUMBERED buttons, enter 0, 7, 1, 1. "XXXX"** appears on the Access Code screen as you press the numbered buttons.

   "INCORRECT CODE" will appear on the screen, and **you will need to enter 0, 7, 1, 1 again.**
7. The screen will ask you to enter a "New Code." **Enter a "new" 4 digit code using the NUMBERED buttons.** The screen will then ask you to CONFIRM the code you just entered. **Enter your new code again. "XXXX"** will appear when you enter your new code and then display the AutoLock menu options.

Proceed to the next page to learn more...



NOTE: The 0,7,1,1 access code shown on this page is the default code or a way to reset the code when the current access code is not known.

The AutoLock Access Code also can be changed anytime using the Setup Code feature

SMART HELP

Parents - it isn't possible for your child to unblock a channel without knowing your access code or changing it to a new one. If your code changes, and you didn't change it, then you know it's been altered by someone else and blocked channels have been viewed.

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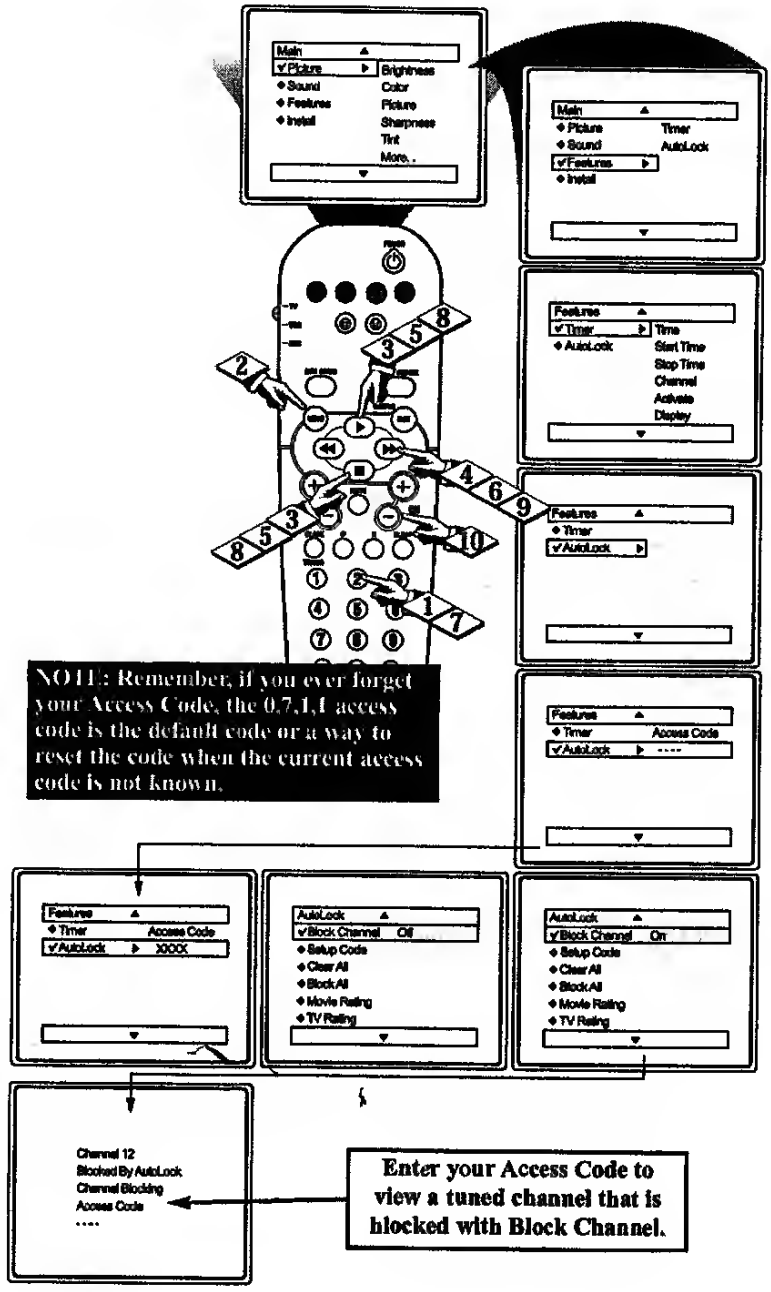
How to Block Channels

After your personal access code has been set (see previous page), you are now ready to select the channels or The A/V Inputs you want to block out or censor.

BEGIN

1. **Press the NUMBERED (or CH +, –) buttons** to tune the channel you wish to block or censor.
2. **Press the MENU button** on the remote to show the on-screen menu.
3. **Press the CURSOR UP ▶ or DOWN ■ button** until the word FEATURES is highlighted.
4. **Press the CURSOR RIGHT ▶▶ button** to display the FEATURES menu options.
5. **Press the CURSOR UP ▶ or DOWN ■ button** until the words AutoLock are highlighted.
6. **Press the CURSOR RIGHT ▶▶ button.**
7. **Enter the correct access code number. "XXXX"** shows on the Access Code display as you **press the NUMBERED buttons.** AutoLock menu options will be displayed.
8. **Press the CURSOR UP ▶ or DOWN ■ buttons** until the words **BLOCK CHANNELS** are highlighted.
9. **Press the CURSOR RIGHT ▶▶ button** to turn blocking ON or OFF for that channel. When ON is selected the channel will be blocked.
10. **Press the CH + or – button** to select other channels you wish to block. Repeat step 9 to block the new channel.

STOP



NOTE: Remember, if you ever forget your Access Code, the 0,7,1,1 access code is the default code or a way to reset the code when the current access code is not known.

Enter your Access Code to view a tuned channel that is blocked with Block Channel.

Smart Help

If you tune to a blocked channel and enter your Access Code to view the channel, ALL blocked channels will be viewable until the TV has been turned off. When the TV is powered back ON, the previously blocked channels will be blocked again.

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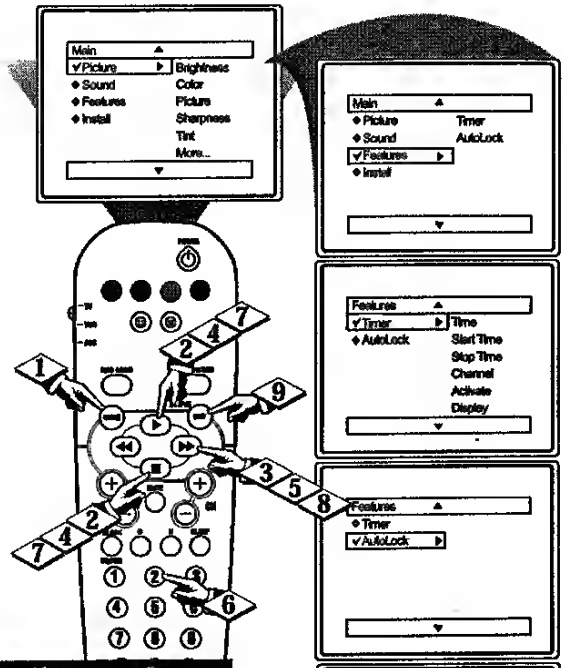
How to Clear Blocked Channels

After blocking specific channels there may come a time when you want to clear all the channels so they can be viewed. The following steps explain how to CLEAR ALL blocked channels.

BEGIN

1. **Press the MENU button** on the remote to show the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ button** until the word FEATURES is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the FEATURES menu options.
4. **Press the CURSOR UP ▶ or DOWN ■ button** until the words AutoLock are highlighted.
5. **Press the CURSOR RIGHT ▶▶ button.**
6. **Enter the correct access code number.** "XXXX" shows on the Access Code display as you **press the NUMBERED buttons.** AutoLock menu options will be displayed.
7. **Press the CURSOR UP ▶ or DOWN ■ buttons** until the words CLEAR ALL are highlighted.
8. **Press the CURSOR RIGHT ▶▶ button** to clear all blocked channels. The Clear All option will read, "Cleared."
9. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



NOTE: Remember, if you ever forget your Access Code, the 0,7,1,1 access code is the default code or a way to reset the code when the current access code is not known.

The Clear All option when activated will unblock ALL blocked channels. It will not affect programming blocked by the Movie or TV Rating options.

Or, enter your Access Code to view a tuned channel that is blocked with Block Channel.

Smart Help

If you tune to a blocked channel and enter your Access Code to view the channel, ALL blocked channels will be viewable until the TV is powered OFf and then turned back ON. When the TV is powered back ON, the previously blocked channels will be blocked again.

CLEAR ALL will not work with the Movie and TV Ratings. These options must be reset individually.

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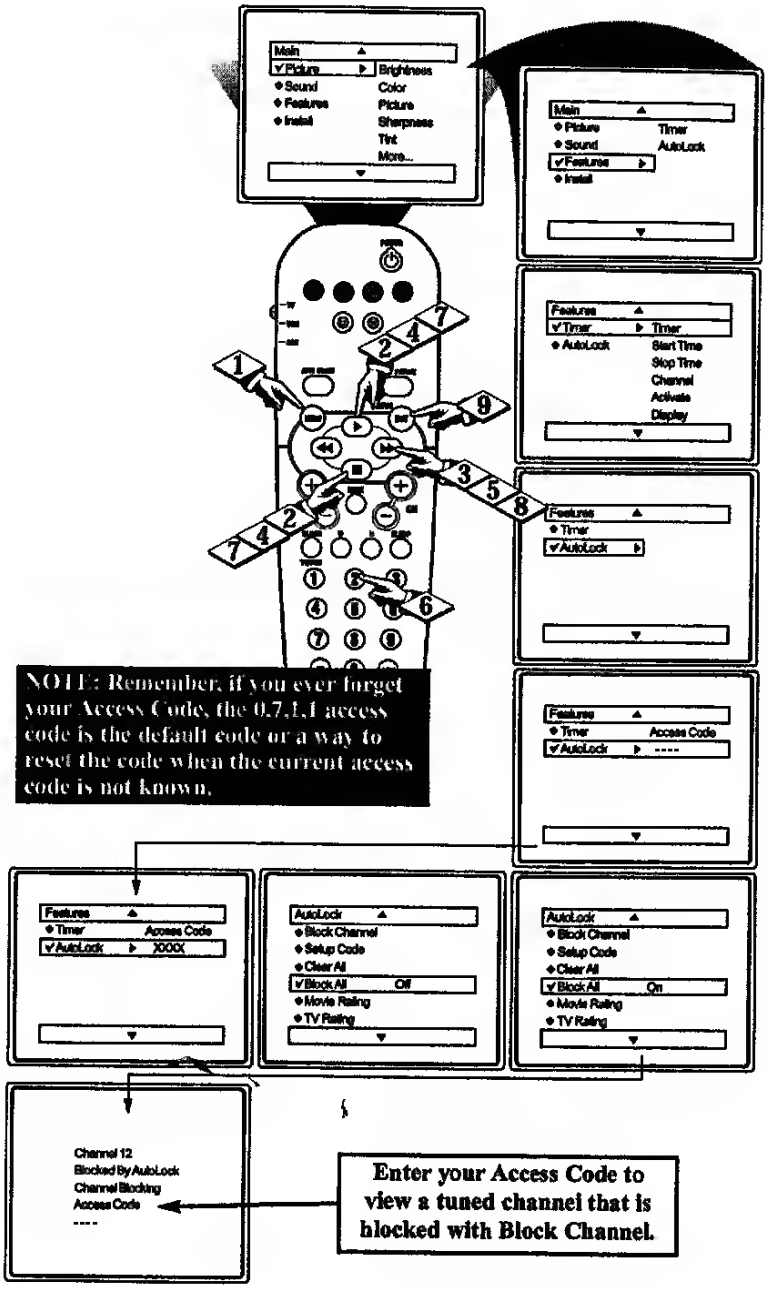
How to Block All Channels at the Same Time

There may come a time when you want to Block All the television's channels. Maybe you don't want your children to watch TV for a given time. With the Block All control, ALL available channels (including the A/V Inputs) can be set to block at the same time.

BEGIN

1. **Press the MENU button** on the remote to show the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ button** until the word **FEATURES** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the FEATURES menu options.
4. **Press the CURSOR UP ▶ or DOWN ■ button** until the words AutoLock are highlighted.
5. **Press the CURSOR RIGHT ▶▶ button.**
6. **Enter the correct access code number. "XXXX"** shows on the Access Code display as you press the **NUMBERED buttons.** AutoLock menu options will be displayed.
7. **Press the CURSOR UP ▶ or DOWN ■ buttons** until the words **BLOCK ALL** are highlighted.
8. **Press the CURSOR RIGHT ▶▶ button** to turn Block All ON or OFF. When ON is selected, ALL available channels will be blocked.
9. **When finished, press the STATUS/EXIT button** to remove the menu from the screen.

STOP



NOTE: Remember, if you ever forget your Access Code, the 0,7,1,1 access code is the default code or a way to reset the code when the current access code is not known.

Enter your Access Code to view a tuned channel that is blocked with Block Channel.

Smart Help

If you tune to a blocked channel and enter your Access Code to view the channel, ALL blocked channels will be viewable until the TV has been turned off. When the TV is powered back ON, the previously blocked channels will be blocked again.

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Blocking Programming Based on Movie Ratings

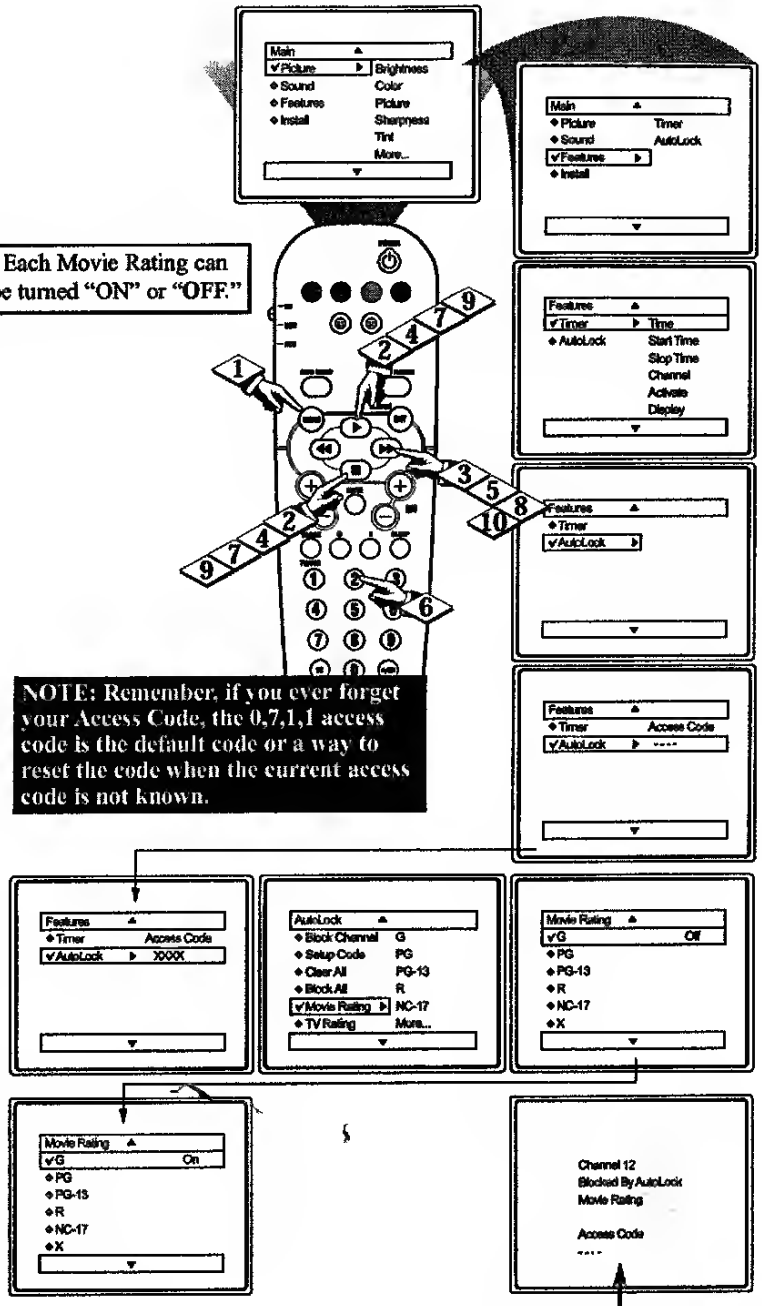
There are two types of program ratings within the AutoLock feature. One is based on the Movie Industry ratings while the other is based on the TV Industry ratings. Both can be used to block or censor programming that has been roted in either manner.

Let's first look at the Movie Rating options of AutoLock:

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ button** until the word **FEATURES** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **FEATURES** menu options.
4. **Press the CURSOR UP ▶ or DOWN ■ button** until AutoLock is highlighted.
5. **Press the CURSOR RIGHT ▶▶ button.** The screen will prompt you for your Access Code.
6. **Using the NUMBERED buttons** on the remote, enter your 4 digit Access Code. The AutoLock menu options will be displayed.
7. **Press the CURSOR UP ▶ or DOWN ■ button** to highlight the words **MOVIE RATINGS**.
8. **Press the CURSOR RIGHT ▶▶ button** to display the **MOVIE RATINGS** options (G, PG, PG-13, R, NC17, or X).
9. **Press the CURSOR UP ▶ or DOWN ■ button** to highlight any of the Movie Ratings options. When highlighted, all these options can be turned **ON** *(which will allow blocking)* or **OFF** *(which will allow viewing)*.
10. **Use the CURSOR RIGHT ▶▶ button** on the remote to turn the rating option ON or OFF.

STOP



Each Movie Rating can be turned "ON" or "OFF."

NOTE: Remember, if you ever forget your Access Code, the 0,7,1,1 access code is the default code or a way to reset the code when the current access code is not known.

To view a program blocked by the Movie Rating options, enter your 4 digit access code. This will disable all blocked Movie Ratings until the TV is powered off and on again. Then the blocking options will be restored.

Smart Help

When a rating is set to block, all higher ratings will be automatically blocked as well. (Example: If the the PG-13 rating is set to block, the R, NC-17, and X ratings will also be blocked.

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Blocking Programming Based on TV Ratings

This portion of the AutoLock features cover program ratings based on the TV Industry rating system. This is known as TV Ratings within AutoLock.

After selecting the Autolock feature and entering your personal access code, the AutoLock options screen appears;

BEGIN

1. **Scroll the menu using the CURSOR UP ▶ or DOWN ■ buttons** until the words TV **RATINGS** are highlighted.

2. **Press the CURSOR RIGHT ▶▶ button** to display the **TV Ratings (TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA).** When highlighted, the TV-Y and TV-G can be turned **ON** *(which will allow blocking)* or **OFF** *(which will allow viewing)*, of these rated programs.

   The ratings of TV-Y7, TV-PG, TV-14, TV-MA can be customized to block V (violence), FV (fantasy violence), S (sexual situations), L (coarse language), or D (suggestive dialogue).

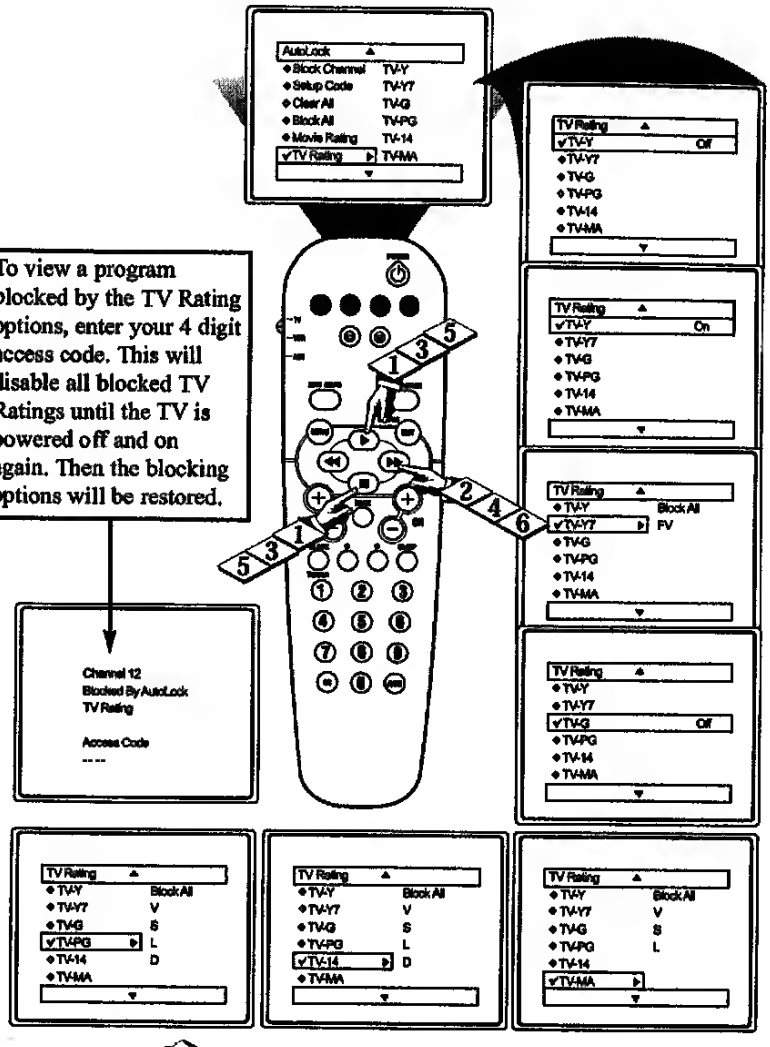
3. **Press the CURSOR UP ▶ or DOWN ■ button** to highlight the desired rating.

4. **Press the CURSOR RIGHT ▶▶ button** on the remote to turn the TV-Y or TV-G rating ON or OFF. **Or, press the CURSOR RIGHT ▶▶ button** to enter the sub-menus for the TV-Y7, TV-PG, TV-14 or TV-MA ratings.

5. If the TV-Y7, TV-PG, TV-14 or TV-MA sub-menu is accessed, **press the CURSOR UP ▶ or CURSOR DOWN ■ button** to select one of the options (Block All, V, S, L, D, or FV).

6. **Press the CURSOR RIGHT ▶▶ button** on the remote to turn the option ON or OFF.

STOP



To view a program blocked by the TV Rating options, enter your 4 digit access code. This will disable all blocked TV Ratings until the TV is powered off and on again. Then the blocking options will be restored.

TV Ratings and Rating Sub-Menus

When a TV Rating is selected to block, ALL higher ratings will be blocked also.

TV-Y - (All children -- *This program is designed to be appropriate for all children.*) Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7 - (Directed to Older Children -- *This program is designed for children age 7 and above.*) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

TV-G - (General Audience -- *Most parents would find this program suitable for all ages.*) This type of programming contains little or no violence, no strong language and little or no sexual dialogue or situations.

TV-PG - (Parental Guidance Suggested -- *This program contains material that parents may find unsuitable for younger children.*)This type of programming contains one or more of the following: some suggestive dialogue (D), infrequent course language (L), some sexual situations (S), or moderate violence (V).

TV-14 - (Parents Strongly Cautioned -- *This program contains some material that many parents would find unsuitable for children under 14 years of age.*) This type of programming contains one or more of the following: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

TV-MA - (Mature Audience Only -- *This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.*) This type of programming contains one or more of the following: crude indecent language (L), explicit sexual situations (S), or graphic violence (V).

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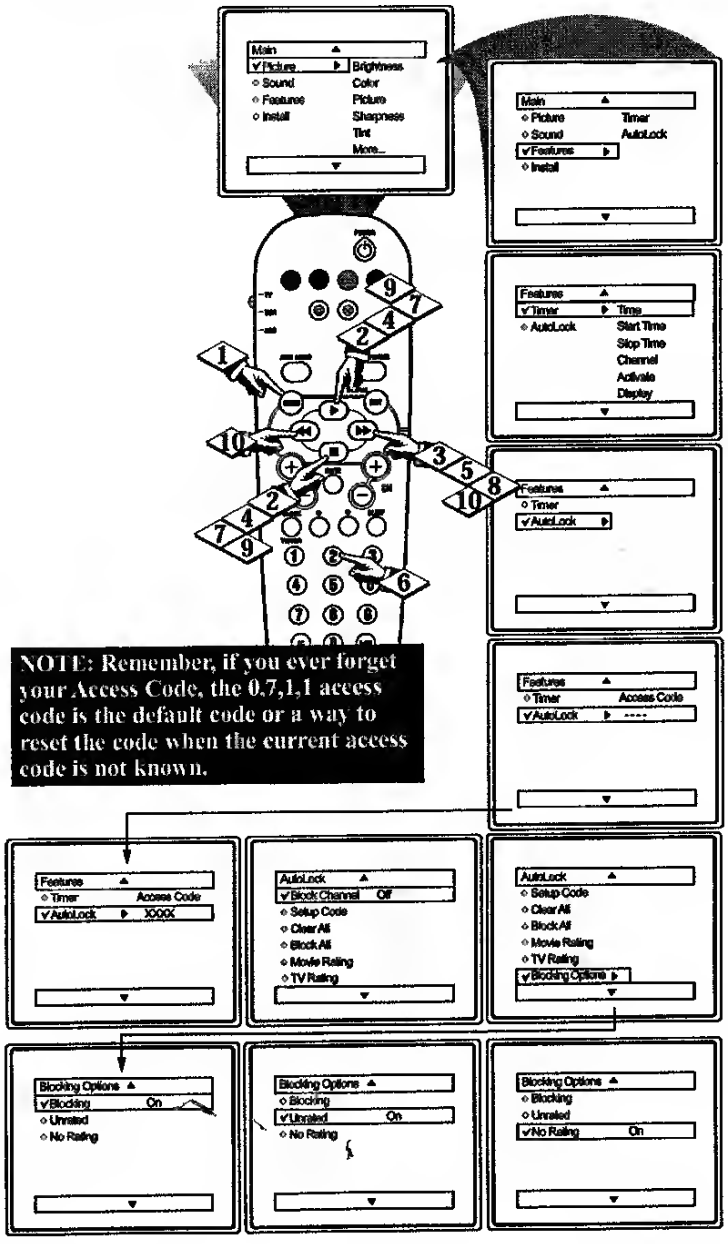
USING THE AUTOLOCK BLOCKING OPTIONS

AutoLock offers the viewer other blocking features as well. With these Blocking Options, the censoring can be turned ON or OFF.

BEGIN

1. **Press the MENU button** on the remote to show the on-screen menu.
2. **Press the CURSOR UP ▶ or DOWN ■ button** until the word **FEATURES** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the FEATURES menu options.
4. **Press the CURSOR UP ▶ or DOWN ■ button** until the words AutoLock are highlighted.
5. **Press the CURSOR RIGHT ▶▶ button.**
6. **Enter the correct access code number. "XXXX"** shows on the Access Code display as you **press the NUMBERED buttons.** AutoLock menu options will be displayed.
7. **Press the CURSOR UP ▶ or DOWN ■ buttons** until the words **BLOCKING OPTIONS** are highlighted.
8. **Press the CURSOR RIGHT ▶▶ button** to display the **Blocking Options (BLOCKING, UNRATED, or NO RATING) menu.**
9. **Press the CURSOR UP ▶ or DOWN ■ buttons to** highlight the desired feature.
10. When highlighted, each feature can be turned **ON or OFF using the CURSOR RIGHT ▶▶ or LEFT ◀◀ buttons** on the remote.

STOP



NOTE: Remember, if you ever forget your Access Code, the 0,7,1,1 access code is the default code or a way to reset the code when the current access code is not known.

BLOCKING OPTIONS:

BLOCKING: This is what might be called the "master switch" for AutoLock. When in the ON position, ALL blocking/censoring will take place. When in the OFF position, ALL blocking is disabled.

UNRATED: ALL unrated programs based on the Movie Ratings or Parental (TV) Guidelines can be blocked if this feature is set to ON and the BLOCKING feature is set to OFF.

NO RATING: ALL programming with NO content advisory data can be blocked if this feature is set to ON and the BLOCKING feature is set to OFF.

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How to Use the Closed Caption Control

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

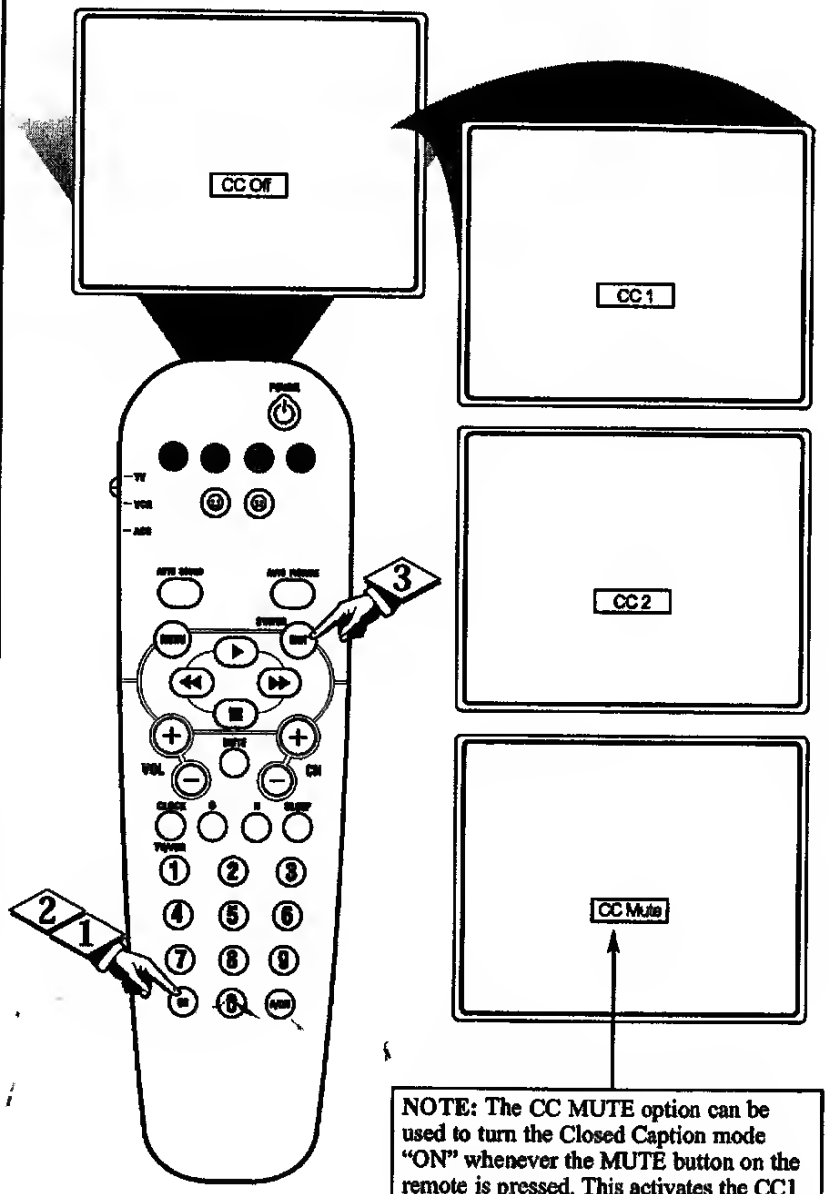
BEGIN

1. **Press the CC button** on the remote to display the current Closed Caption setting.

2. **Press the CC button repeatedly** to choose from the four Closed Caption options (CC Off, CC 1, CC 2, CC Mute). Dialogue (and descriptions) for the action on the captioned TV program will appear on-screen if the tuned program is broadcasting CC information.

3. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen or let the option time out and disappear from the TV screen.

STOP



NOTE: The CC MUTE option can be used to turn the Closed Caption mode "ON" whenever the MUTE button on the remote is pressed. This activates the CC1 option.

Smart Help

Not all TV programs and product commercials are made with Closed Caption (CC) information included. Neither are all Closed Caption modes (CC1, or CC2) necessarily being used during the transmission of a closed caption program. Refer to your area's TV program listings for the stations and times of Closed Caption shows.

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USING THE AUDIO/VIDEO INPUT JACKS

The TV's Audio/Video Input jacks are for direct picture and sound connections between the TV and a VCR (or similar accessory device) that has Audio/Video Output jacks.

BEGIN

1. **Connect one end of the VIDEO (yellow) CABLE** to the AV1 in VIDEO jack on the back of the TV. Then connect one end the AUDIO (red and white) CABLES to the AV1 in AUDIO L and R(left and right) jacks on the rear of the TV.

2. **Connect other end of the VIDEO (yellow) CABLE** to the VIDEO OUT jack on the back of the VCR. Then connect the other ends of the AUDIO (red and white) CABLES to the AUDIO (left and right) OUT jacks on the rear of the VCR.

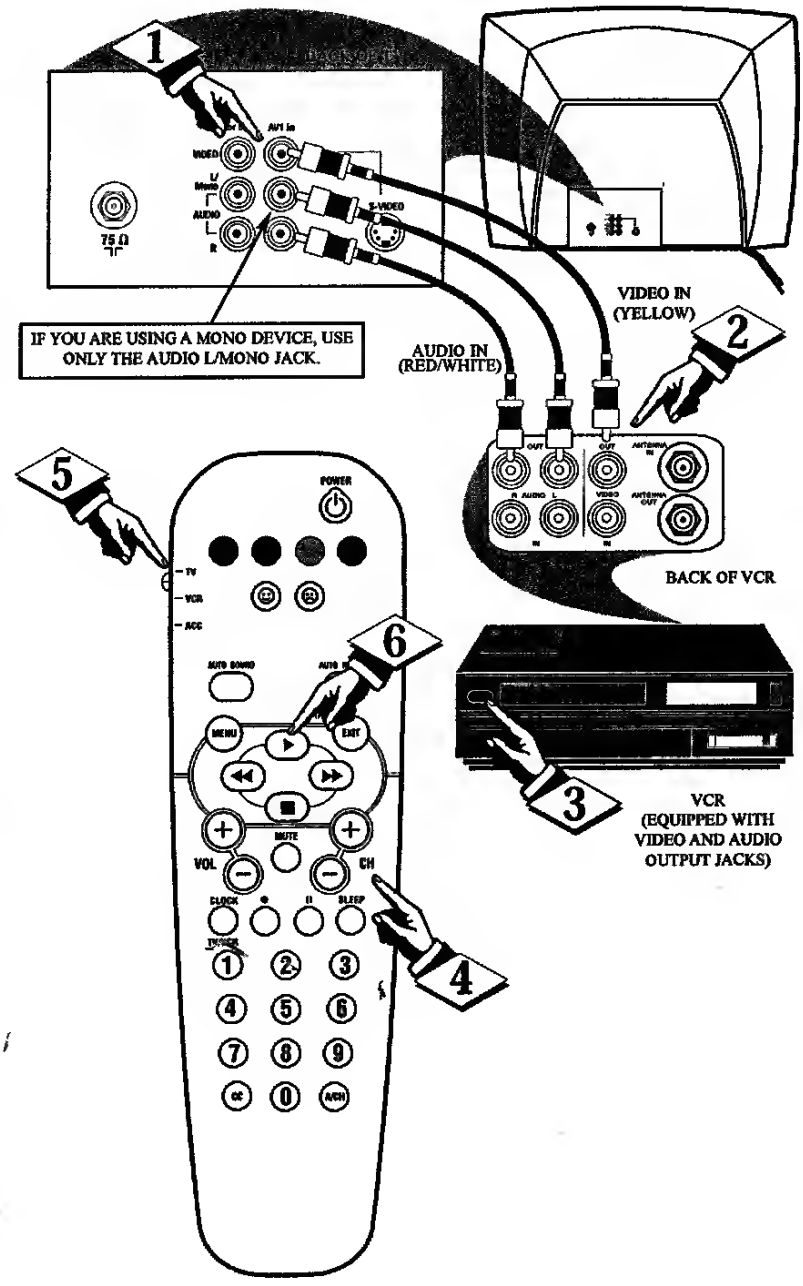
3. **Turn the VCR and the TV ON.**

4. **Press the CH + or – buttons** on the remote to scroll the channels until AV1 appears in the upper left corner of the TV screen.

5. **Slide the TV/VCR/ACC switch** to the VCR position.

6. Now your ready to place a prerecorded video tape in the VCR and **press the PLAY ▶ button.**

STOP



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Using the Audio/Video (Monitor) Output Jacks

The Audio/Video (Monitor) Output jacks are great for recording with a VCR or used to connect an external audio system for better sound reproduction.

BEGIN

1. **For an external audio system, connect one end of the R(ight) and L(eft) AUDIO (Monitor Out) jacks on the TV to the R and L audio input jacks on your amplifier or sound system. Set the audio system's volume to a normal listening level.**

2. **Turn the TV and audio system ON. You can now adjust the sound level coming from the audio system with the VOLUME (+) or (–) buttons on the TV or remote control.**

To connect a second VCR for recording:

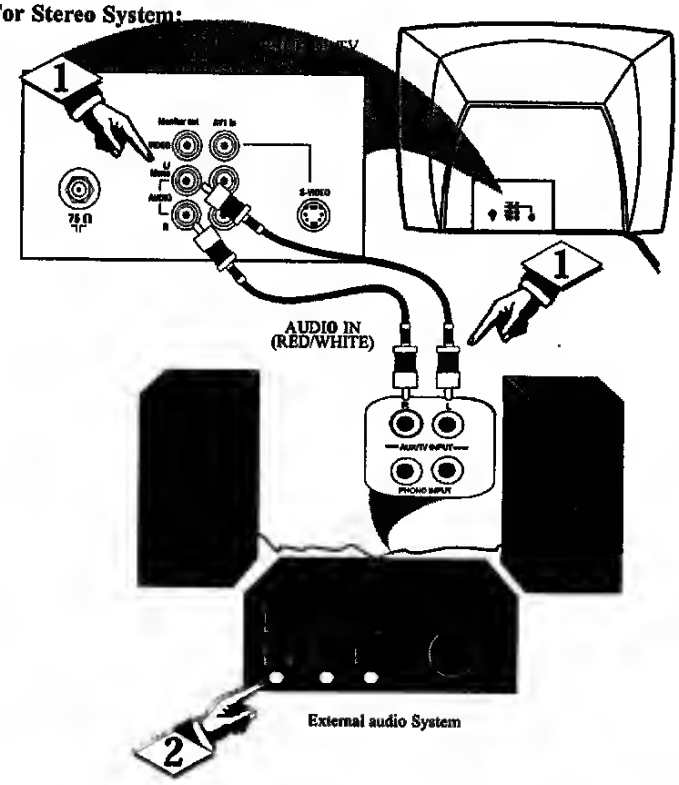
3. **Connect one end of the yellow Video Cable to the Monitor Out VIDEO plug. Connect the other end to the VIDEO IN plug on the second VCR.**

4. **Connect one end of the red and white Audio cable from the Monitor Out AUDIO L and R plugs on the TV to the AUDIO IN plugs on the VCR.**

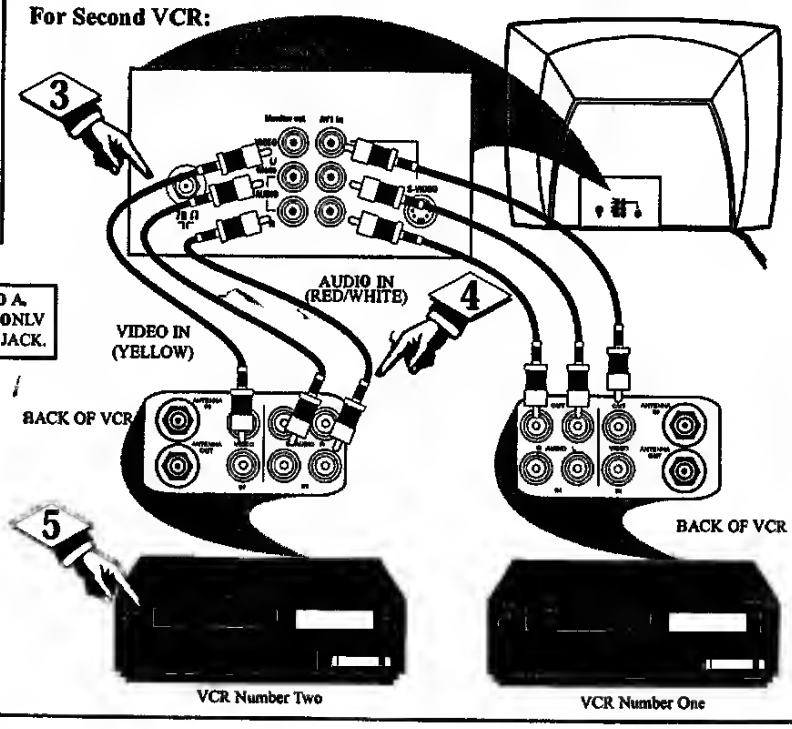
5. **Turn the VCR ON, insert a blank VHS tape and it's ready to record what's being viewed on the TV screen.**

STOP

For Stereo System:



For Second VCR:



IF YOU ARE USING A MONO DEVICE, USE ONLY THE AUDIO L/MONO JACK.

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USING THE S-VIDEO INPUT JACKS

The S(uper)-Video connection on the rear of the TV can provide you with better picture detail and clarity for the playback of accessory sources such as DBS (digital broadcast satellite), DVD (digital video discs), video games, and S-VHS VCR (video cassette recorder) tapes than the normal antenna picture connections.

NOTE: The accessory device must have an S-VIDEO OUT(put) jack in order for you to complete the connection on this page.

BEGIN

1. **Connect one end of the S-VIDEO CABLE** to the S-VIDEO jack on the back of the TV. Then connect one end the AUDIO (red and white) CABLES to the AVI in AUDIO L and R(left and right) jacks on the rear of the TV.

2. **Connect other end of the S-VIDEO CABLE** to the S-VHS (S-Video) OUT jack on the back of the VCR. Then connect the other ends of the AUDIO (red and white) CABLES to the AUDIO (left and right) OUT jacks on the rear of the VCR.

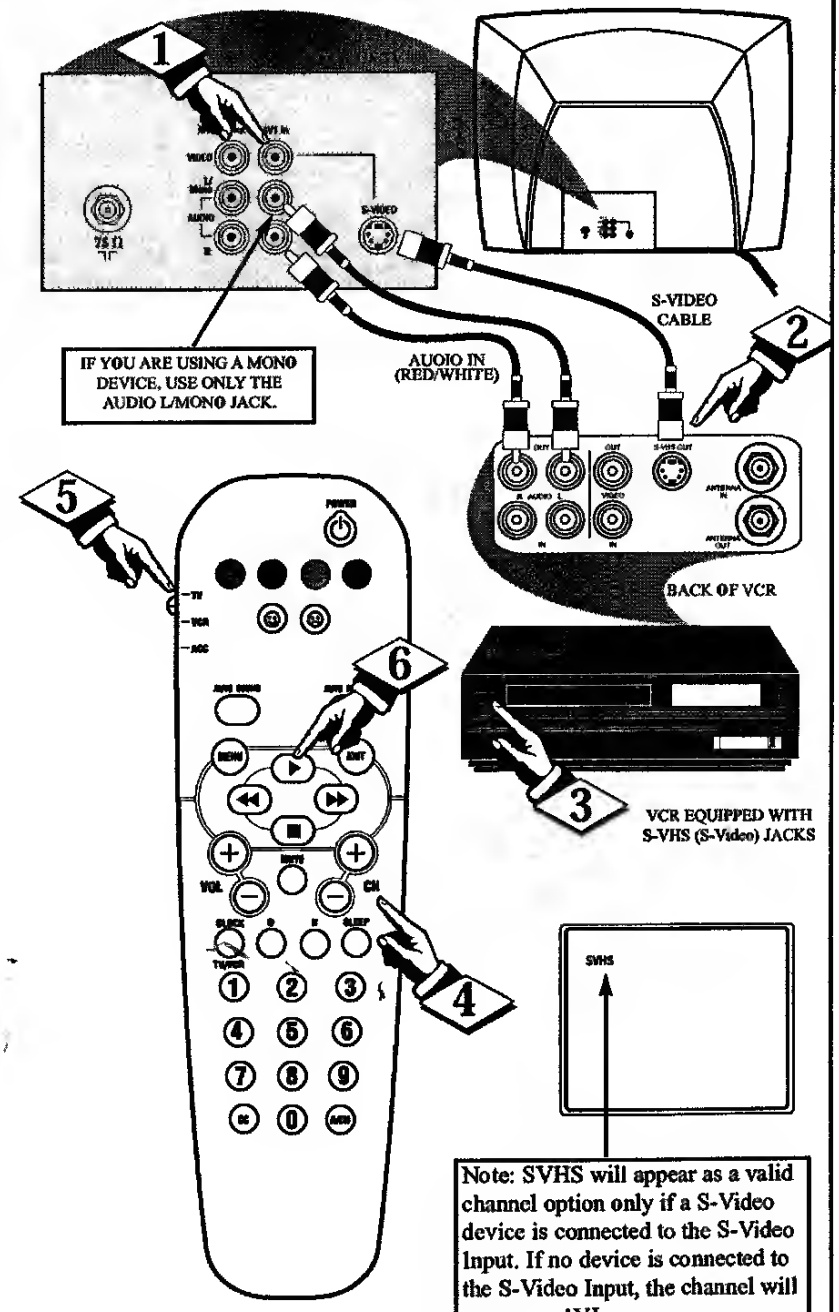
3. **Turn the VCR and the TV ON.**

4. **Press the CH + or – buttons** on the remote to scroll the channels until SVHS appears in the upper left corner of the TV screen.

5. **Slide the TV/VCR/ACC switch to** the VCR position.

6. Now your ready to place a prerecorded video tape in the VCR and **press the PLAY ▶ button.**

STOP



Note: SVHS will appear as a valid channel option only if a S-Video device is connected to the S-Video Input. If no device is connected to the S-Video Input, the channel will appear as AVI.

SMART HELP

The S-VIDEO and VIDEO AV1 in(puts) are in parallel. The S-VIDEO input is dominant when in use. If separate video signals are connected to the S-VIDEO and VIDEO AV1 in(puts), the signal from the VIDEO AV1 in(put) will not be usable.

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Using the Front Input Jacks and the Headphone Jack

For your convenience, Audio/Video Input jacks have been located on the front of the TV cabinet. These jacks are for use with camcorders or rental devices that are only to be connected for a short period of time. There also is a headphone jack located on the front of the TV when you're wanted to watch TV while others in the room do not.

BEGIN

1. **Connect one end of the yellow VIDEO CABLE** to the Front VIDEO jack on the side of the TV. Then connect one end the AUDIO (red and white) CABLES to the Side AUDIO L and R (left and right) jacks on the front of the TV.

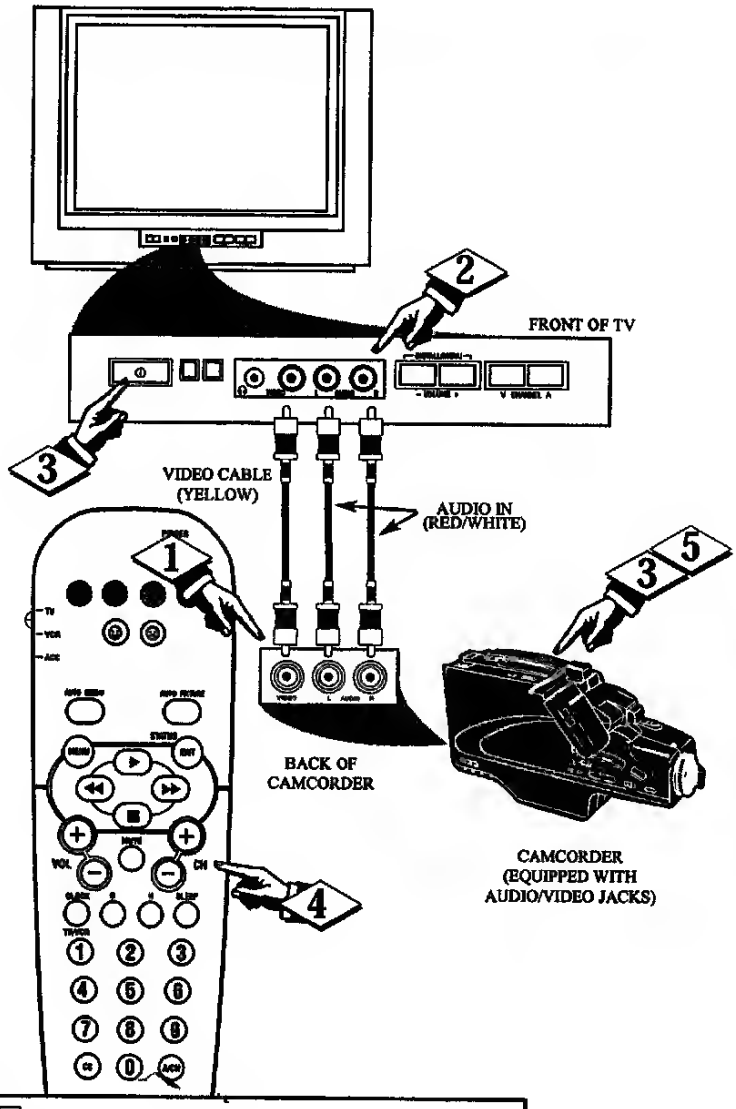
2. **Connect other end of the yellow VIDEO CABLE** to the VIDEO OUT jack on the back of the camcorder. Then connect the other ends of the AUDIO (red and white) CABLES to the AUDIO (left and right) OUT jacks on the rear of the camcorder.

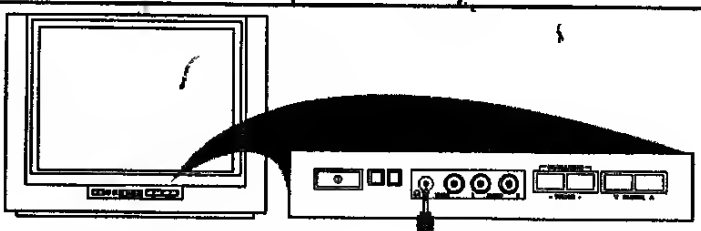
3. **Turn the camcorder and the TV ON.**

4. **Press the CH + or – buttons** on the remote to scroll the channels until "FRONT" appears in the upper left corner of the TV screen.

5. Now your ready to place a prerecorded video tape in the camcorder and **press its PLAY ▶ button.**

STOP





A Headphooe Jack is located on the front of the TV.

Using the Headphone Jack will MUTE the television's sound.

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Setting Up the Sleeptimer Option

Have you ever fallen asleep in front of the TV only to have it wake you up at two in the morning with a test pattern screeching in your ears? Well, your TV can save you all that trouble by automatically turning itself off.

BEGIN

1. **Press the SLEEP button** on the remote control and the SLEEP timer display will appear on the screen.

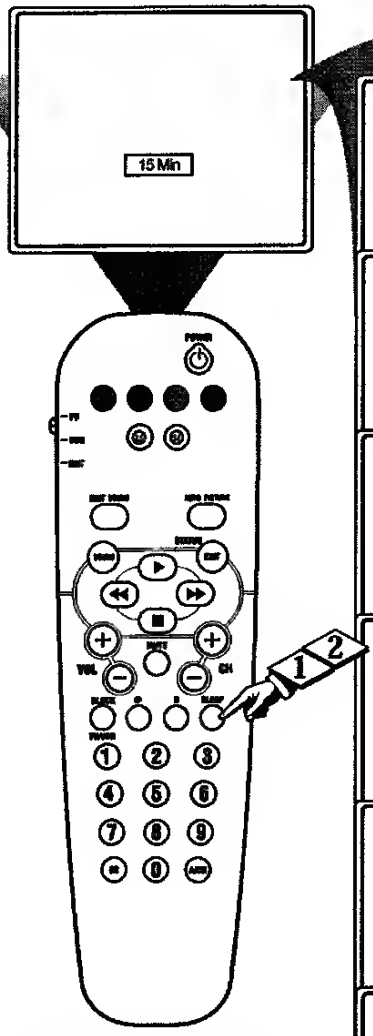
2. **Press the SLEEP button** repeatedly to pick the amount of time (15, 30, 45, 60, 90, 120, 180, or 240 minutes) before the TV will turn itself off.

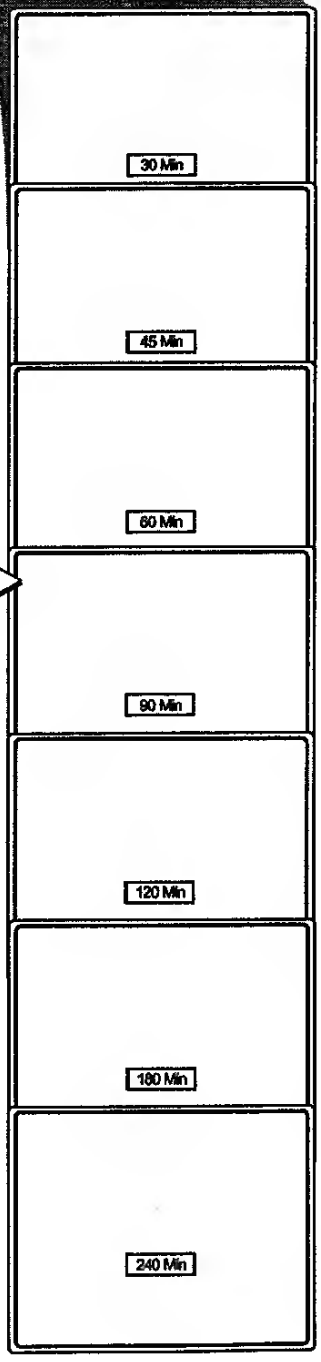
An on-screen count down will appear during the last minute before the TV shuts itself off.

STOP

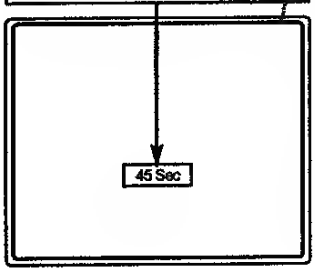
Smart Help

The on-screen menu will time out and disappear from the screen when you finish, or you can press the STATUS/EXIT button to clear the menu from the screen.

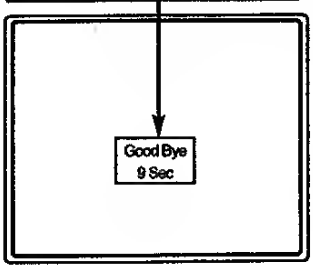




During the last minute of a SLEEP timer setting, an on-screen count down will be displayed. Pressing any button during the last minute will cancel the SLEEP timer.



During the last 10 seconds of a SLEEP timer setting, an on-screen display will read GOOD BYE.



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Setting the Auto Picture Control

Whether you're watching a movie or a sporting event, your TV has automatic video control settings matched for your current program source or content. The Auto Picture feature quickly resets your TV's video controls for a number of different types of programs and viewing conditions you may have in your home. Each Auto Picture setting is preset at the factory to automatically adjust the TV's Brightness, Color, Picture, Sharpness, Tint, Color Temperature, DNR and Contrast+ levels.

BEGIN

1. **Press the AUTO PICTURE button** on the remote control. The current Auto Picture setting will appear in the middle of the screen.

2. **Press the AUTO PICTURE button repeatedly** to select either PERSONAL, MOVIES, SPORTS, WEAK SIGNAL, or MULTI MEDIA picture settings.

Note: The **PERSONAL** setting is the setting that you setup using the PICTURE options within the on-screen menu. This is the only Auto Picture setting that can be changed. All other settings are setup at the factory during the time of production.

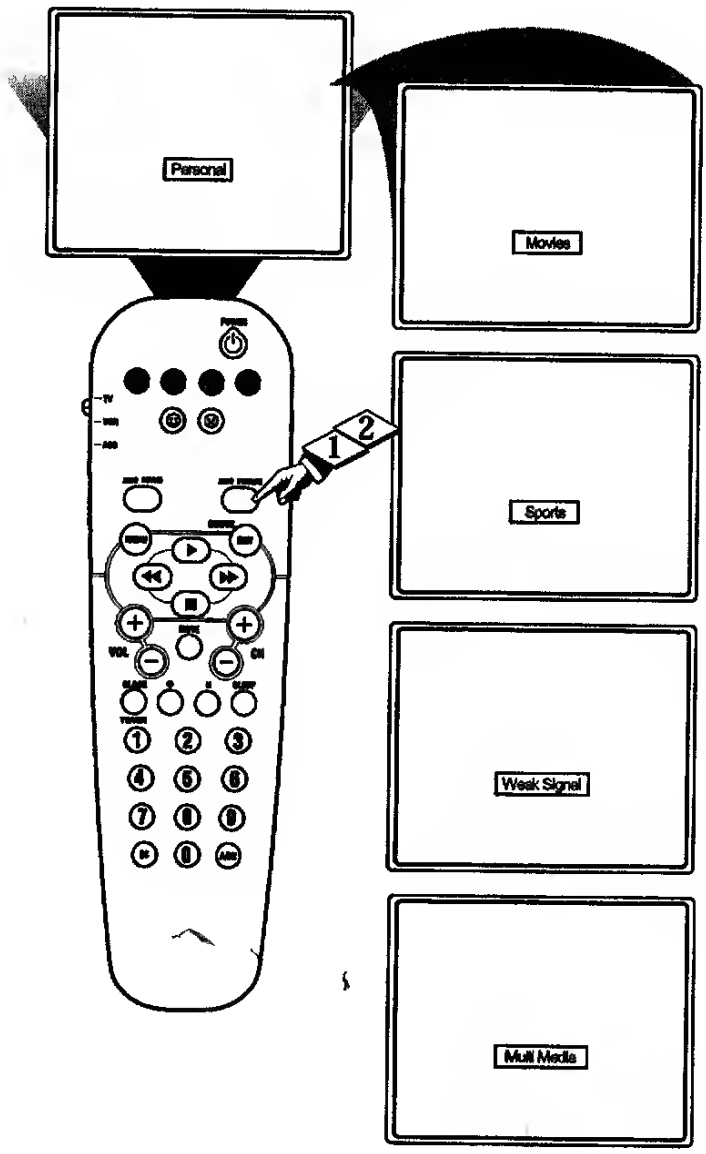
MOVIES - Preset picture options for watching Video Tapes, or DVDs.

SPORTS - Preset picture options for watching sporting events.

WEAK SIGNAL - Preset picture options for watching programs where the reception is not at its best.

MULTI MEDIA - Preset picture options for use with video gaming.

STOP



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SETTING THE AUTO SOUND CONTROL

The Auto Sound feature allows the listener to select between four different factory set sound options. Personal (which can be set by the user), Theatre (for movie viewing), Music (for musical type programming) and Voice (when the program is mainly dialogue). These setting affect the Sound menu's Bass, Treble, AVL, and Incredible Surround controls

To select any of the options follow the directions below.

BEGIN

1. **Press the AUTO SOUND button** on the remote control. The current Auto Sound setting will appear in the middle of the screen.

2. **Press the AUTO SOUND button repeatedly** to toggle between the four settings.

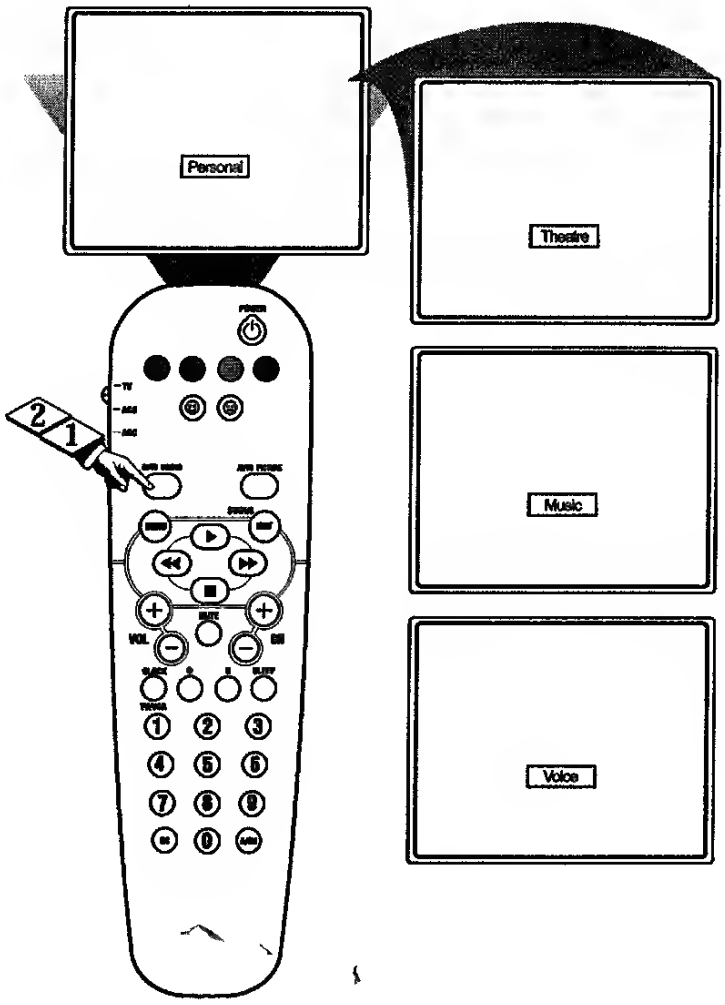
Note: Only the **PERSONAL** control can be changed by the viewer. This changes the settings in the main on-screen menu's sound controls.

THEATRE - Preset sound options for watching movies.

MUSIC - Preset sound options for musical programming where there is little dialogue.

VOICE - Preset sound options for programming where heavy dialogue is present.

STOP



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Using the Quadra Surf Buttons

A "list" or series of previously viewed channels can be selected with the Quadra SURF (colored) buttons on your remote control. With this feature you can easily switch between different TV programs that currently interest you. The Quadra Surf control allows you set up four different personal Surf lists using the colored buttons (on the remote control), each holding up to ten channels in its quick viewing "list."

BEGIN

1. **Press the CHANNEL (+) or (–) buttons** (or the NUMBER buttons) to select a channel to add to one of the SURF lists.

2. **Press the SMILEY ☺ button** on the remote control to ADD the channel to one of the SURF lists.

3. **Press the corresponding COLORED (Red, Green, Yellow or Blue) button** to add the channel to that button's Surf list. (Up to ten channels per button can be stored.)

Repeat steps 1 through 3 to add additional channels (up to 10) to each of the the SURF lists.

To remove a channel from one of the SURF lists;

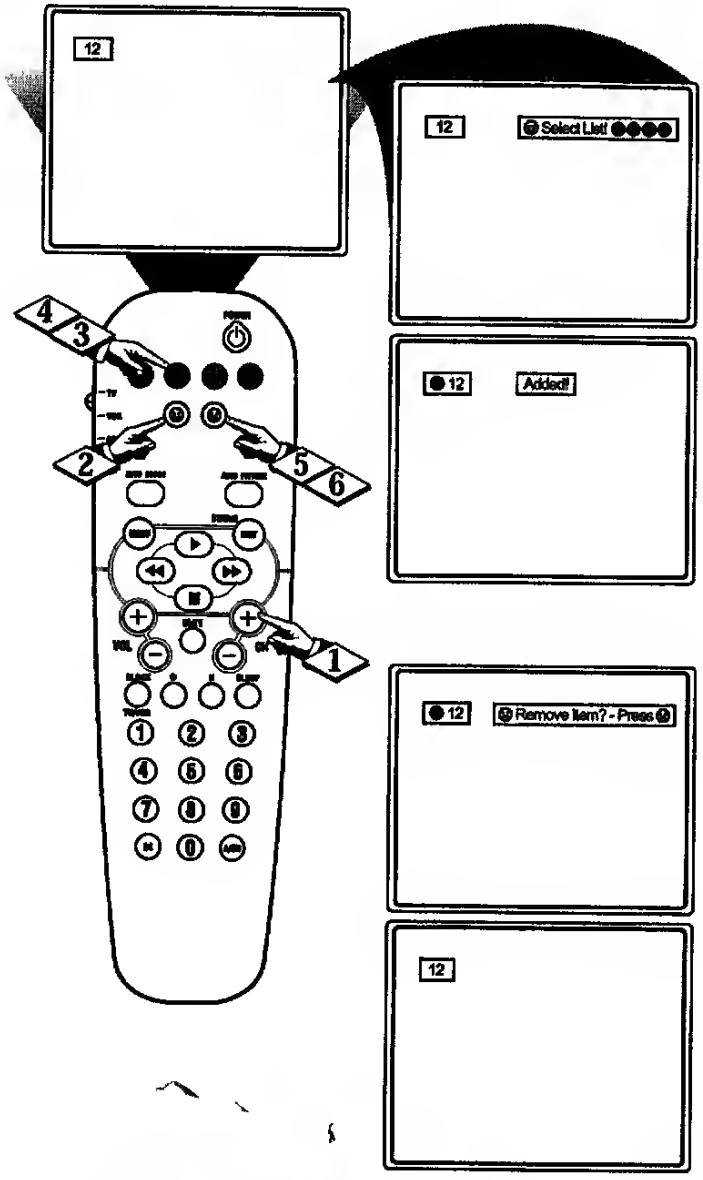
4. **Press the COLORED Quadra Surf button** until the desired channel appears. The screen will display the channel number with a colored "Smiley" face to indicate the Colored button it relates to.

5. **While the "Smiley" face channel indicator is displayed, press the FROWNIE ☹ face button.** The screen will read, "Remove item? - Press ☹ ."

6. **Press the FROWNIE ☹ face button again** to confirm your decision to remove the channel from the Surf list.

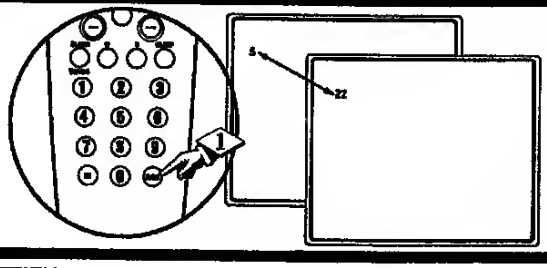
Repeat steps 4-6 to remove other channels from Surf lists.

STOP



A/CH Button

Your remote also has an A/CH (Alternate Channel) button. Pressing this button will toggle between the Current and one previously selected channel.



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USING THE QUADRA SURF BUTTONS

The Quadra Surf buttons on your remote control allow you to store up to 10 channels per button (40 total). This is a great feature if you want to store all your favorite Sports channels, Movie channels, or News channels in one surf list. Family members can have there own favorite list of channels. You can even program the A/V Input channels (AV1, AV2, SVHS, FRONT, etc.) for each button making them a "source" button for your external accessory devices.

Assuming channels have now been added to the four Quadra Surf lists (the four colored buttons on the remote, see the previous page), let's review how the feature works.

BEGIN

1. **Press one of the pre-programmed COLORED buttons** on the remote (Red, Green, Yellow or Blue). The screen will display a smiley face with the first programmed channel for that surf list.

2. **While the colored "smiley" face still appears on the screen, press the same COLORED button** on the remote to tune the second channel programmed for that specific surf list.

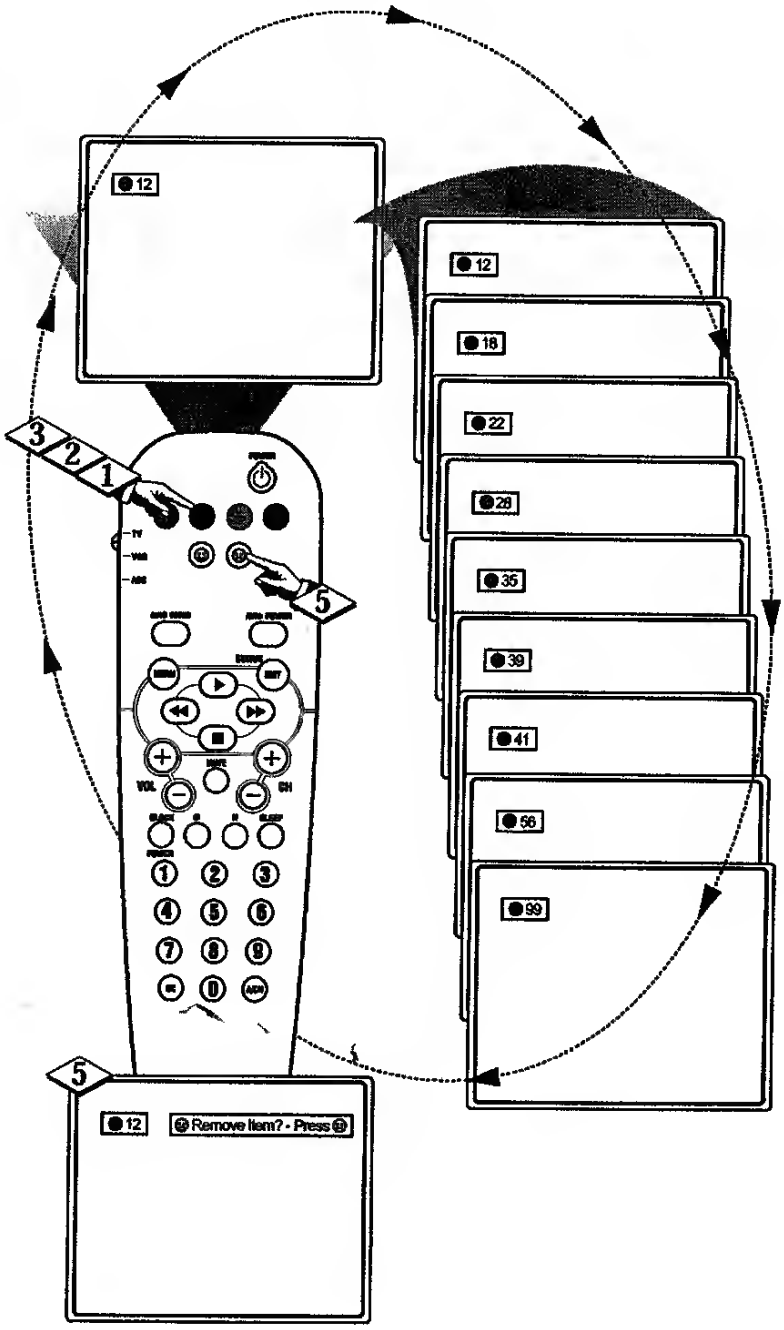
3. **Repeatedly pressing the same COLORED button** while the "smiley" face appears will tune all the programmed channels for that specific surf list. After the last channel is tuned, pressing the COLORED button again will return you to the first channel in the list.

   If the "smiley" face disappears from the screen and the same COLORED button is pressed, the surf channels will be displayed starting with the FIRST programmed channel again.

4. Repeat steps 1-3 for the other three COLORED buttons (Surf lists) if desired.

5. Any time the "smiley" face appears with the channel number, **pressing the "frownie" face button** will allow you to remove it from the list (see the previous page for more details).

STOP



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Remote Use with Accessory Devices - Direct Method

Your remote control is set to work your TV and many infrared remote (IR) control VCRs, Cable Boxes, Satellite Systems, DBS, DVD, etc. However, an easy onetime step may be necessary before the remote will work your VCR.

Try this initial Direct Access Method to see if going on to the following section is necessary.

BEGIN

1. **Place the TV/VCR/ACC Mode Switch** in the proper position.
2. **Point the remote control** at the device and press the POWER button.

Does the remote turn the device ON?

If YES, stop and try other function buttons on the remote. If they also work the device, then the remote is ready and no further steps are needed.

If NO, continue...

STOP

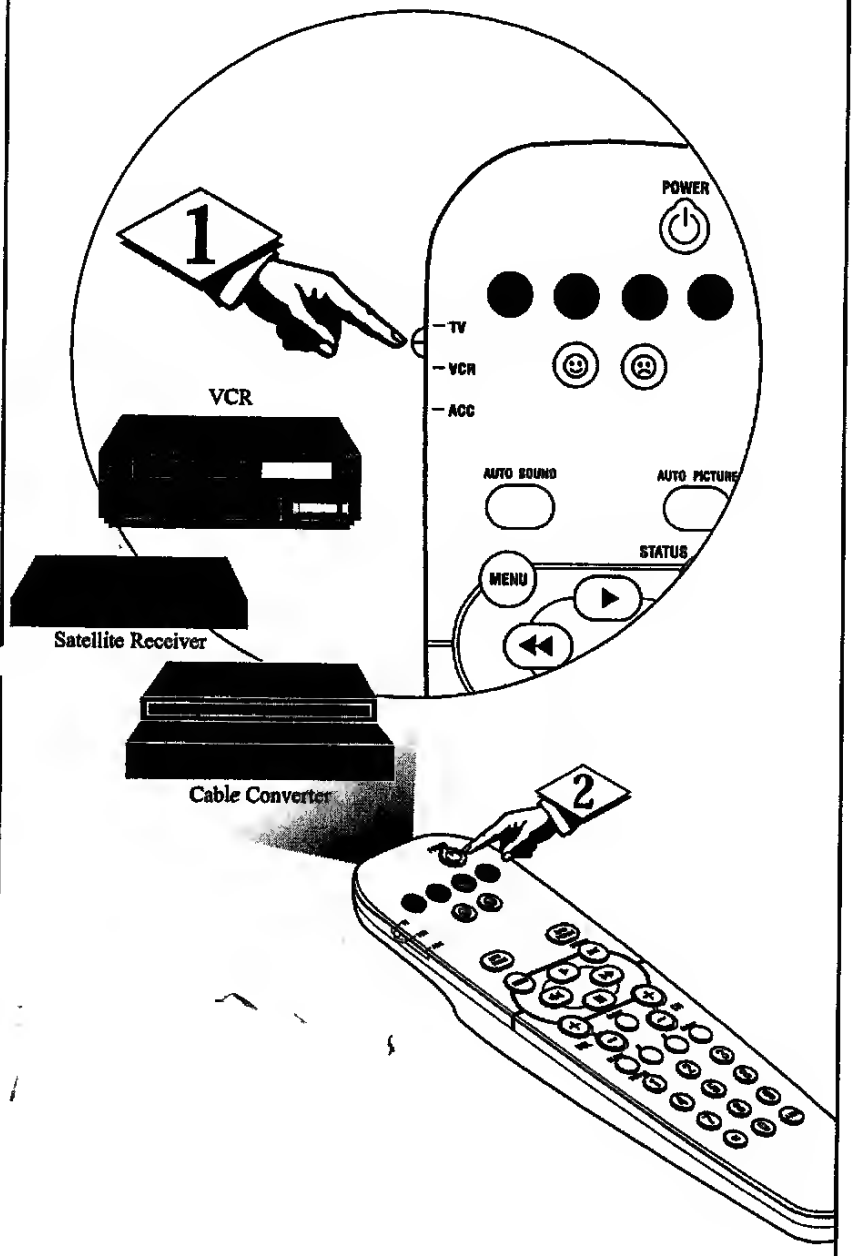
1. First look up a **THREE-DIGIT remote control number** for your brand of Device before going through the simple steps on the following page.

Find your Three-Digit Code on pages 35-37.

Smart Help

Remember, if more than one number is listed, you may have to try more than the first Three-Digit code given in order to locate your Device's remote code.

NOTE: Setting up the remote is for use with external accessory devices and not for use with other television brands.



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Remote Use with Accessory Devices - Code Entry Method

Now that you have looked up the three-digit Remote Code Number for your brand of device, you are ready to follow the four simple steps below.

Please read through steps 1-4 before beginning.

BEGIN

1. **Place the TV/VCR/ACC Mode Switch** in the proper position.
2. **Press the VCR • RECORD button** on the remote control and release.
3. **Press the AUTO SOUND button** on the remote within 30 seconds, then release.
4. **Enter the THREE-DIGIT REMOTE CODE NUMBER** for your desired device. The remote is now ready to send commands to the unit.
5. **Point the remote** at the Device. Press the POWER button on the remote to turn the unit ON.

STOP

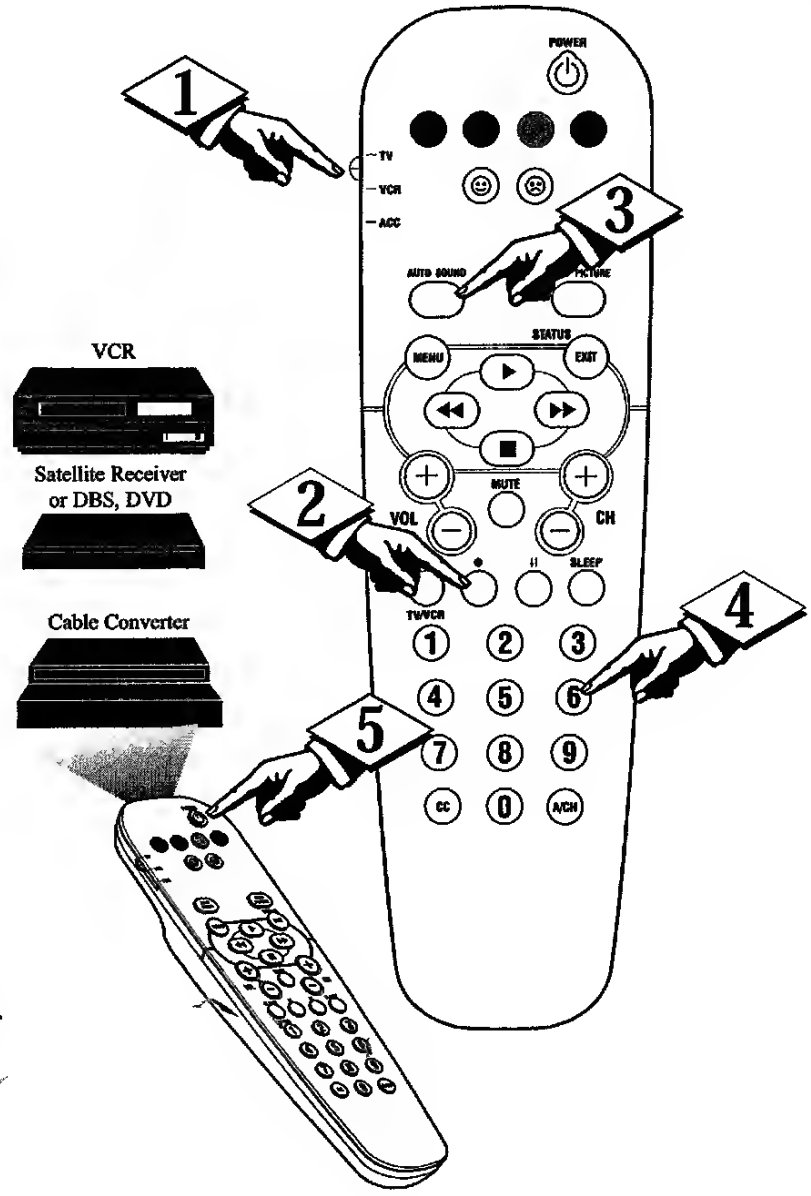
Smart Help

Remember, if this doesn't work the first time, repeat steps using the same remote code number.

After a second try and the remote does not operate your device, see if there is another three-digit code number (pages 35-37) listed for your device and repeat the steps above using the new number.

If after repeated attempts the code number method does not work you device, try the **SEARCH METHOD** on the next page.

NOTE: Setting up the remote is for use with external accessory devices only and not for use with other television brands.



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Remote Use with Accessory Devices - Search Method

Your TV remote can be set to work various external devices such as VCRs, Cable Boxes, Satellite Receivers, DBS, DVD, etc. by what is called the search method of remote control programming. This programming method can take a long time to preform so we reccomend you use it as a last resort.

Please read all the steps below before beginning.

BEGIN

1. **Press the POWER button** on the device your are attempting to program to turn it ON.

2. If programming a VCR or DVD type product that has a **STOP** play command, place a VCR Tape or DVD disc into the device. **Press the PLAY button** on the choosen device.

3. **Place the TV/VCR/ACC Mode Switch** in the proper position. TV for all television functions, VCR for programming Video Cassette Recorders or ACC for all other accessory devices.

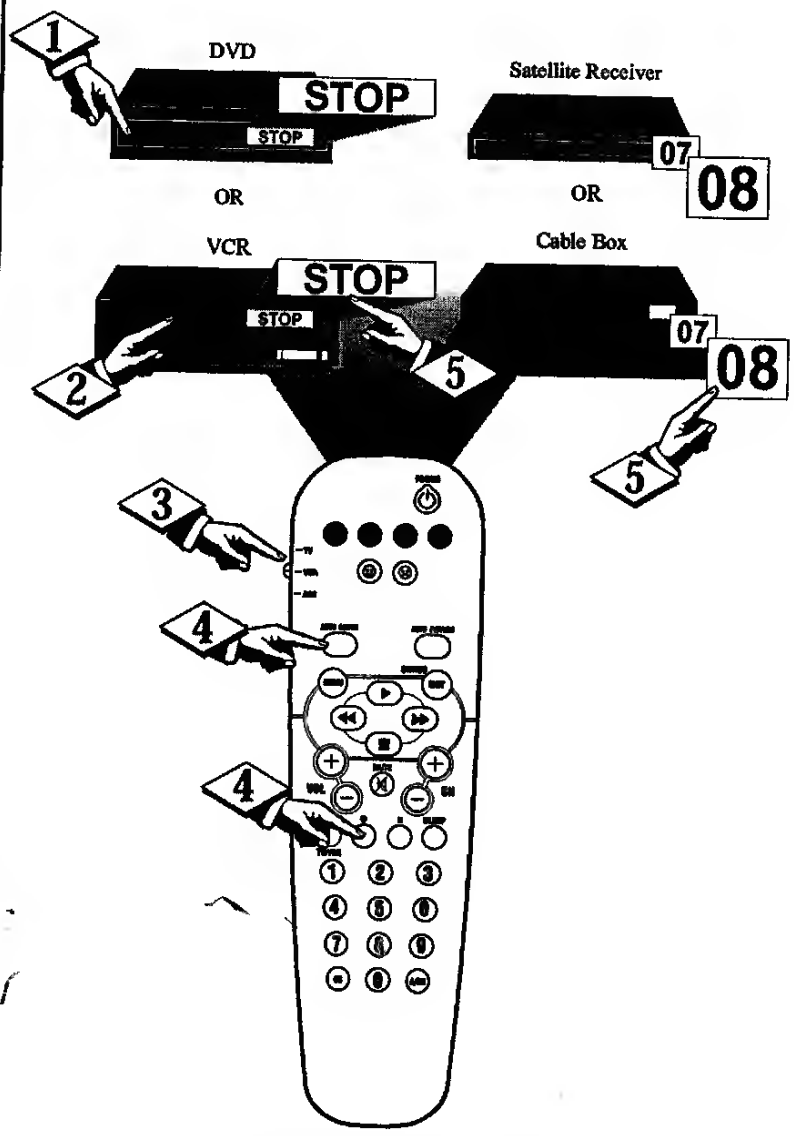
4. **Press the VCR • RECORD and the AUTO SOUND buttons simultaneously** and hold them down.

   As you continue to hold down the VCR • **RECORD** and the **AUTO SOUND buttons**, the remote will run through its programmed code list. It will send out a command for every code it has commanding the VCR or DVD to **STOP** play. For Cable Boxes and Satellite Receivers the command will be to **CHANGE CHANNELS.**

5. When the STOP command happens for VCRs or DVD type devices, **release the two buttons** and the remote should control the device.

   For Cable Boxes and Satellite Receivers the channel indicator will change. As soon as the channel changes **ONCE, IMMEDIATELY release the two buttons.** The remote should now control the devices. If the two buttons are held longer than the one channel change, the process will have to be repeated. This method can take up to 12 and a half minutes to perform.

STOP



NOTE: Setting up the remote is for use with external accessory devices only and not for use with other television brands.

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Remote Control Direct Entry Codes

CABLE BOX	CODE NUMBERS
ABC	028, 030, 034, 035, 038, 040, 041, 044, 060
Allegro	180, 342
Andover	571
Antronix	049, 234
Archer	049, 066, 180, 234, 824
BBT	294
Belcor	083
Bell & Howell	041
Birgmingham Cable Communications	303
British Telecom	030, 132
Cable Star	083
Cabletenna	049
Cabletime	188, 298, 404, 475
Cableview	049
Century	180
Citizen	180, 342
Clyde	113
Colour Voice	052, 058
Comband	259
Comtec	301
Comtronics	067, 087
Contec	046
Cryptovision	627
Decsat	450
Digi	664
Eastern	029, 301
Emerson	824
Everquest	042, 067
Filmnet	470
Focus	427
France Telecom	478
GC Electronics	083, 234
GE	259
GEC	113
Garrard	180
Gemini	042, 097, 269, 824
General Instrument	038, 303, 503
GoldStar	067, 171
Goodmind	824
Grundig	556
Hamlin	036, 047, 061, 286, 300
Hitachi	038
Hytex	034
Jasco	042, 180, 342
Jerrold	030, 038, 039, 041, 042, 051, 303, 503
Linsay	467
MNet	046, 470
Macom	060
Magnavox	054, 059
Memorex	027
Movie Time	090, 183
NSC	090, 097, 183
Novaplex	645
Oak	034, 046
Optimus	048
PVP Stereo Visual Matrix	030
Panasonic	027, 048, 134
Panther	664
Paragon	027
Philips	052, 054, 058, 180, 269, 317
Pioneer	050, 171, 560, 904

CABLE BOX	CODE NUMBERS
Popular Mechanics	427
Prelude	797
Pulsar	027
Quasar	027
RCA	048
Radio Shack	042, 342, 824
Realistic	234
Recoton	427
Regal	047, 286, 300
Regency	029
Rembrandt	038, 097
Runco	027
SL Marx	067
STS	183
Salora	409
Samsung	067, 171
Satbox	402
Scientific Atlanta	033, 035, 044, 304, 504, 904
Seam	537
Signal	042, 067
Signature	038
Sprucer	048
StarSight	449, 569
Starcom	030, 042
Stargate	042, 067, 797, 824
Starquest	042
Sylvania	028
TFC	337
TV86	090
Tadiran	067
Tandy	285
Tele+1	470
TeleCaption	248
Teleservice	308
Teleview	067
Texscan	028
Timeless	301, 445
Tocom	039, 040, 086
Toshiba	027
Tudi	313
Tusa	042
Unika	049, 180, 234
United Artists	034
United Cable	030
Universal	049, 066, 083, 180, 218, 234
Viewstar	054, 087, 090, 285
VisiCable+	508
Westminster	132
Zenith	027, 081, 552
Zentek	427

SATELLITE	CODE NUMBERS
AST	378
Akai	542
Alba	389, 448, 482, 542, 640
Aldes	315
AlphaStar	799
Amstrad	107, 279, 372, 488, 528, 536, 716
Ankaro	247, 315, 396
Anttron	210, 448
Armstrong	270

SATELLITE	CODE NUMBERS
Astra	135
Astro	200, 528
Avalon	423
Axis	396
BT	542, 695
Beko	216
Best	396
Blaupunkt	200
Boca	270, 540
Bush	094
Cambridge	371, 542
Channel Master	389
Commlink	315
Connexions	423
Conrad	634
Crown	270
Cyrus	227
DDC	389
DNT	227, 423
Echostar	423, 740, 802, 897
Emanon	448
Expressvu	802
Ferguson	094, 210, 216, 363
Fidelity	279
Finlux	135, 371, 424, 482
Freecom	448
Fuba	396, 423, 448
G-Sat	210
Galaxis	315
General Instrument	388, 654, 896
Gooding	598
Goodmans	216
Grundig	200, 216, 598, 777
HTS	802
Hinari	210
Hirschmann	200, 423, 424, 528, 600
Hitachi	482, 846
Houston	695
Hughes Network Systems	776
Huth	247, 270, 315
IRTE	636
ITT	135
Intervision	619
JVC	542, 598, 802
Jerrold	388, 654
Kathrein	119, 200, 227, 469, 531, 649, 685
Kreiselmeyer	200
Kyostar	448
La Sat	540, 634
Lenco	448
Lennox	619
Lupus	396
Luxor	135, 600
Magnavox	749, 751
Manhattan	482, 619
Marantz	227
Maspro	119, 363, 777
Matsui	371, 598
Mediamarkt	270
Memorex	751
Minerva	598
Mintec	605
Morgan's	270, 540

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SATELLITE	CODE NUMBERS
Neuhaus	247, 528
Next Level	896
Nikko	387, 740
Nokia	135, 424, 482, 600
Nordmende	389
Orbitech	528
Oxford	371
Pace	094, 210, 363, 482, 818
Palladium	598
Palsat	528
Panasonic	728
Panda	482
Patriot	542
Philips	227, 319, 482, 598, 749, 751, 777
Phonotrend	315, 619
Plasmatic	469
Primestar	388, 654
Promax	482
Prosat	315
Quadral	389, 655
RCA	170, 419, 593, 882
RFT	227, 247, 315
Radio Shack	896
Radiola	227
Radix	423
SAT	378, 488
SEG	396, 448
SKY	883
SM Electronic	740
Saba	363
Sabre	482
Salora	135
SatPartner	448
Satec	210
Schwaiger	210, 531
Seemann	423, 605, 653
Siemens	200
Skymaster	315, 655, 740
Sony	666, 731
Star Choice	896
Star Trak	448
Strong	448
Sunstar	540
Tantec	363, 482
TechniSat	289, 528
Telefunken	448
Teleka	270, 640
Thomson	482
Tonna	695
Toshiba	776, 817
Triad	378
Triasat	528
Uniden	749, 751
Universum	200, 598
VTech	378
Ventana	227
Vortec	448
Wisi	200, 378, 423, 482
Zenith	883

VCR	CODE NUMBERS
ASA	064, 108
Action	344
Admiral	075, 236
Advantz	383
Adventura	027
Aiko	305
Aiwa	027, 064, 334, 375, 379, 433, 463, 495
Akai	068, 076, 080, 088, 133, 183, 269, 342
Akiba	099
Akura	298
Alba	047, 099, 236, 305, 322, 342, 379
Ambassador	047
America Action	305
American High	062
Amstrad	027, 305, 352, 359
Anitech	099
Asha	267
Asuka	064
Audiovox	064
Baird	027, 068, 131, 134
Basic Line	047, 099, 305
Beaumark	267
Bell & Howell	131
Blaupunkt	030, 033, 061, 181, 189, 222, 253, 254, 430
Blue Sky	305
Brandt	214, 347, 348
Brandt Electronic	068
Broksonic	029, 148, 211, 236, 238, 322, 375, 388, 506
Bush	099, 236, 305, 379
CCE	099, 305
CGE	027
Calix	064
Canon	062, 194
Capehart	047
Carver	108, 173
Catron	047
Cimline	099
Cineral	305
Citizen	064, 305
Clatronic	047
Colt	099
Combitech	379
Condor	047
Craig	064, 074, 099, 267, 298
Crown	047, 099, 305
Curtis Mathes	002, 068, 087, 189
Cybernex	078, 267
Cyrus	108
Daewoo	044, 047, 072, 114, 305
Dansai	099
Daytron	047
De Graaf	069, 193
Decca	027, 108
Denon	069
Dual	068
Dumont	027, 108, 131, 132
Dynatech	027
ESC	267, 305
Elbe	065
Elcatech	099
Electrohome	064
Electrophonic	064

VCR	CODE NUMBERS
Elin	078
Emerex	059
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MGA	070, 088, 267
MGN Technology	267
MTC	027, 267
Magnasonic	305
Magnavox	027, 062, 066, 108, 130, 137, 176
Magnin	267
Manesth	072, 099
Marantz	030, 033, 062, 089, 108, 173, 188, 322
Marta	064
Matsui	031, 063, 115, 235, 236, 322, 375, 379
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Motorola	062, 075
Multitech	027, 099
Murphy	027
NAD	085
NEC	065, 067, 068, 077, 094, 109, 131, 484
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Nesco	099
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Nikko	064
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Noblex	267
Nokia	068, 073, 131, 133, 267
Nordmende	068, 324, 347, 348, 411
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Okano	342, 375
Olympus	062, 253
Optimus	064, 075, 085, 131, 189, 459
Optonica	089
Orion	029, 031, 063, 115, 148, 211, 235, 236, 322, 375, 379, 506
Osaki	027, 064, 099
Otto Versand	108
Palladium	033, 064, 068, 099
Panasonic	062, 104, 189, 252, 253, 254, 273, 405
Pathe Cinema	063
Pathe Marconi	068
Penney	062, 064, 065, 067, 069, 081, 267
Pentax	069, 092, 132
Perdio	027
Philco	062, 065, 236, 506
Philips	062, 089, 108, 137, 173, 411, 430
Phonola	108
Pilot	064
Pioneer	085, 094, 108, 195, 262
Polk Audio	108, 173
Portland	047
Profex	349
Profitronic	267
Proline	027
Proscan	087, 229
Protec	099
Pulsar	066, 078
Pye	108
Quarter	073
Quartz	073, 182
Quasar	062, 104, 189
Quelle	108
RCA	062, 069, 075, 087, 092, 104, 132, 133, 176, 229, 267, 304, 480
RFT	430
Radio Shack	027
Radiola	108
Radix	064
Randex	064
Realistic	027, 062, 064, 073, 074, 075, 089, 093, 131
Rex	068, 411
Ricoh	061, 280
Roadstar	064, 099, 267, 305
Runco	066
SBR	108, 173
SEG	267, 349
SEI	031, 108
STS	069
Saba	068, 233, 234, 324, 347, 348, 411
Saisho	031, 063, 115, 235, 236
Salora	070, 073, 102, 133, 470
Samsung	072, 078, 080, 267, 459
Sanky	066, 075
Sansui	027, 068, 094, 109, 236, 298, 506
Sanyo	073, 074, 131, 267, 295, 399
Saville	379
Schaub Lorenz	027, 068, 131
Schneider	027, 099, 108, 137
Scott	070, 072, 148, 211, 237, 238, 239
Sears	027, 062, 064, 069, 073, 074, 081, 084, 093, 131, 132
Seleco	068
Semp	072
Sentra	047
Sharp	075, 089
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Shogun	078, 267
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Silva	064
Singer	072, 099
Sinudyne	031, 108
Solavox	047
Sonolor	073, 089
Sontec	064
Sony	027, 038, 049, 059, 060, 061, 062, 280, 302
Sunkai	375
Sunpak	280
Sunstar	027
Suntronic	027
Sylvania	027, 062, 070, 108, 130, 137
Symphonic	027
TMK	063, 235, 267
Tashiko	027
Tatung	027, 068, 108
Teac	027, 068
Tec	047
Technics	062, 189, 253, 273
Teknika	027, 062, 064, 079
Teleavia	068
Telefunken	068, 214, 347, 348, 411
Tenosal	099
Tensai	027, 349
Thomas	027
Thomson	068, 347, 411
Thorn	063, 068, 131
Toshiba	068, 070, 072, 084, 093, 108, 237, 239, 393, 404, 411
Totevision	064, 267
Towada	349
Triumph	235
Uher	267
Ultravox	076
Unitech	267
Universum	027, 033, 064, 076, 108, 133, 222, 267, 326, 352
Vector	072
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Video Concepts	067, 072, 088, 248
Videosonic	267
Wards	027, 062, 069, 074, 075, 087, 089, 099, 108, 176, 188, 239, 267
White Westinghouse	099, 236, 305
XR-1000	027, 062, 099
Yamaha	065
Yamishi	099
Yokan	099
Yoko	047, 267
Zenith	027, 060, 061, 066, 236, 506

DIGITAL VIDEO DISC	CODE NUMBERS
Denon	517, 661
GE	549
Harman/Kardon	609
JVC	585, 650
Kenwood	517, 561
Magnavox	530
Marantz	566
Mitsubishi	548
Onkyo	530, 909
Optimus	907
Panasonic	517, 659
Philips	530, 566
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RCA	549
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Sherwood	660
Sony	906
Technics	517
Theta Digital	907
Toshiba	530
Yamaha	517, 572
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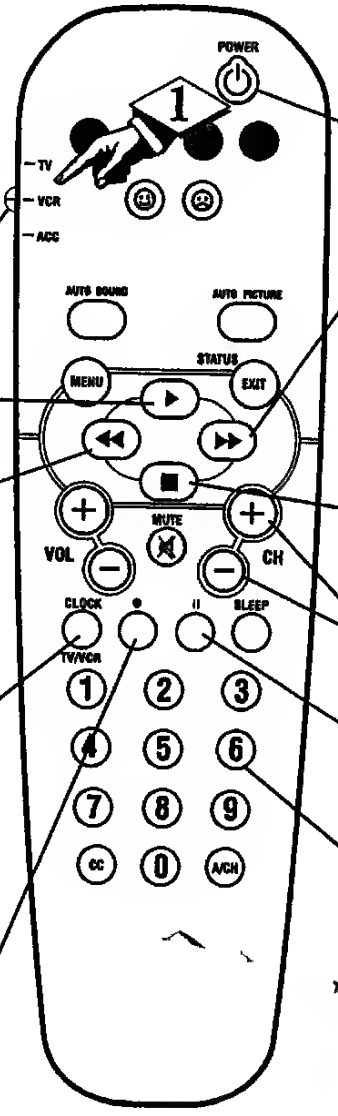
Using the Remote's VCR Buttons

When using the TV remote with a VCR, first make certain it is set to control your VCR (by the REMOTE CODE or SEARCH method).

BEGIN

1. **Set the TV/VCR/ACC mode switch to VCR on the remote.**
2. **Point the top of the remote** toward the front of the VCR (remote sensor window) when pressing the buttons.

STOP



VCR SYSTEM SWITCH
Set in the VCR position to send remote commands to the VCR.

PLAY BUTTON ▶
Press to begin playback of a video tape.

REWIND BUTTON ◀◀
Press to rewind tapes. For some VCR's the STOP button may have to be pressed first, then REWIND. In playback mode hold down the button to view picture moving rapidly in reverse.

(Clock) TV/VCR BUTTON
Press while in the VCR mode (VCR indicator on the front of the unit will light) to view the playback of a tape. Press again to place in the TV position (VCR indicator light will go off) to view one program while recording another program.
When used in the TV mode, the CLOCK/TV/VCR button will access the TV's Clock menu options.

RECORD • BUTTON
Hold the VCR • RECORD button down to begin a VCR recording.

POWER BUTTON
Press to turn the VCR ON and OFF.

FAST FORWARD BUTTON ▶▶
Press to rapidly advance the tape. For some VCR's you may need to press the STOP button first, then the FAST FORWARD button. In playback mode hold the button down to view the picture moving rapidly in the forward direction.

STOP BUTTON ■
Press to stop the motion of a tape in playback, rewind, fast forward, etc.

CHANNEL + & – BUTTONS
Press to scan up or down through the VCR channel numbers.

PAUSE BUTTON II
Press to temporarily stop the tape during a playback or recording. Press again to release Pause.

NUMBER BUTTON
Press buttons for direct VCR channel selections.

Smart Help

Remember, the VCR buttons on the remote will not operate your VCR if those features are not found on your VCR remote control.

Note: All VCR functions (particularly Search, Rewind, Fast Forward, etc.) will operate the same as with the original VCR remote control provided with the VCR.

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TROUBLESHOOTING TIPS

Please make these simple checks before calling for service. These tips can save you time and money since charges for TV installation and adjustment of customer controls are not covered under your warranty.

CAUTION: A video source (such as a video game, Compact Disc Interactive - CDI, or TV information channel) which shows a constant non-moving pattern on the TV screen, can cause picture tube damage. When your TV is continuously used with such a source the pattern of the non-moving portion of the game could leave an image permanently on the picture tube. When not in use, turn the video source OFF. Regularly alternate the use of such video sources with normal TV viewing.

No Power

- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again.
- Check that outlet is not on a wall switch. Be sure fuse is not blown on AC Power strip.

No Picture

- Check antenna connections. Are they properly secured to the TV's 75Ω plug?
- Check the TUNER MODE control for CABLE or ANTENNA setting.
- Check Audio/Video Input jack connections if using a VCR or other external device.

No Sound

- Check the VOLUME buttons.
- Check the MUTE button on the remote control.
- Check Audio/Video Input jack connections if using a VCR or other external device.

Unusual Screen Coloring

- Turn the TV OFF for several seconds, then power the set back ON.
- Unplug the TV for FIVE minutes. Plug the TV back into the AC outlet and power the TV ON. This should correct the problem.
- Check the Picture menu options for proper control settings.
- Press the Auto Picture button on the remote to change the color options. If the color resets itself, readjust the Picture menu option control.

Remote Does Not Work

- Check batteries. Replace with AA Heavy Duty (Zinc Chloride) or Alkaline batteries if necessary.
- Clean the remote and the remote sensor window on the TV.
- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again. Be sure fuse is not blown on AC Power strip.
- Check to be sure TV outlet is not on a wall switch.

TV Displays Wrong Channel or No Channels Above 13

- Repeat channel selection.
- Add desired channel numbers (CHANNEL control) into TV memory.
- Check to be sure the TUNER MODE control is set to the CABLE option.

Cleaning and Care

- To avoid possible shock hazard be sure the TV is unplugged from the electrical outlet before cleaning.
- When cleaning the TV screen take care not to scratch or damage the screen surface (avoid wearing jewelry or using anything abrasive). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool clear water. Use a clean dry cloth to dry the wiped surfaces.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

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Glossary to Television Terms

Auto Picture Booster • A control that will automatically amplify "weak video signals" to a point where they are acceptable for viewing.

Auto Programming • The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Closed Caption • Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

Coaxial Cable • A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Front Audio/Video Inputs • Located on the front of the TV these connectors (phono type plug) are used for the input of audio and video signals. Designed for easy use with VCRs or cameras.

Menu • An on-screen listing of feature controls shown on the Television screen that are made available for user adjustments.

On Screen Displays (OSD) • Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Quadra Surf • The feature that allows the programming of four separate Surf lists holding up to 10 channels each.

Remote Sensor Window • A window or opening found on the Television control panel through which infrared remote control command signals are received.

Status/Exit • Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Twin Lead Wire • The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

Tuner Mode • Designed for first time set up and use to set the TV for antenna or cable TV signal connections.

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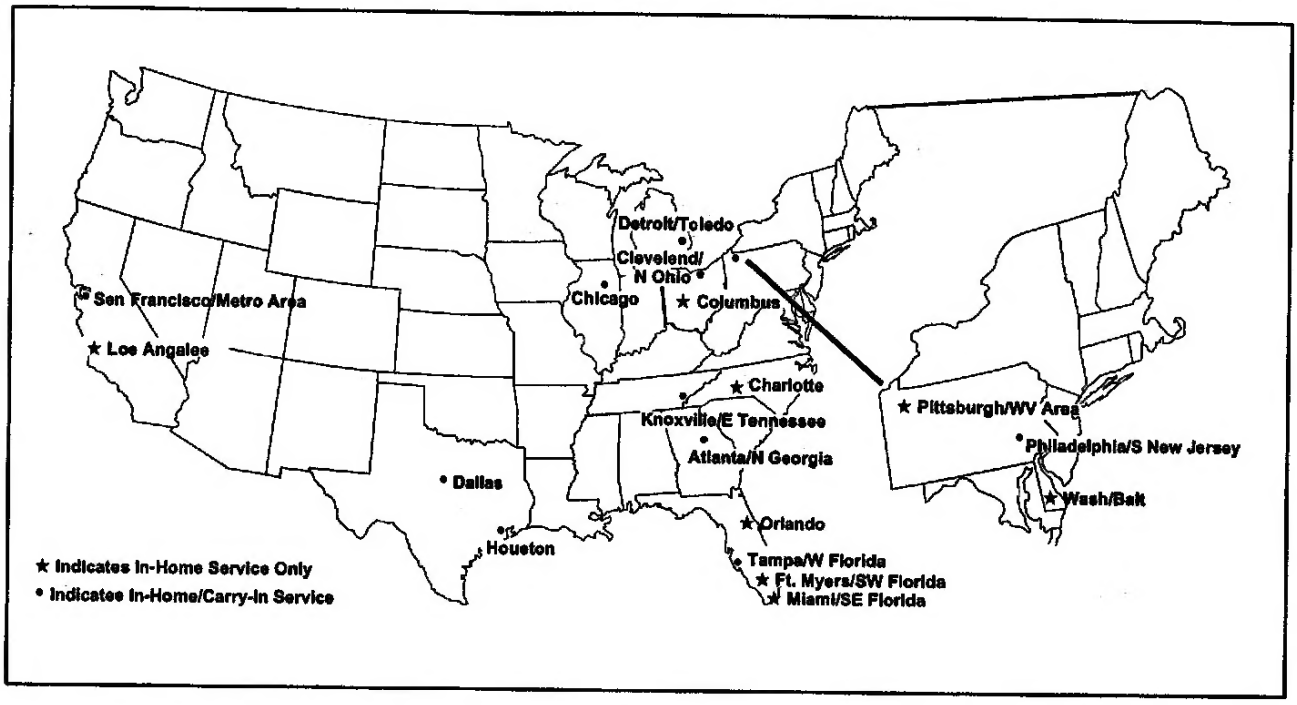
Factory Service Locations



NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

NOTA: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d'achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, contactez le centre le plus près de chez vous.

NOTA: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

In Canada

How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product
Please contact Philips at 1-800-661-6162 (French speaking)
1-800-363-7278 (English speaking)

Au Canada

Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre centre de service ou le service à domicile
Veuillez contacter philips à: 1-800-661-6162 (Francophone)
1-800-363-7278

En el Canadá

Cómo recibir servicio efficiente para su producto, en persona, por correo o a domicilio
Favor de comunicarse con Philips al: 1-800-661-6162 (francófono)
1-800-363-7278 (anglófono)

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Factory Service Locations

Quality service is as close as your telephone! Simply look over the list below for the number of a Factory Service Center near you. Your product will receive efficient and expedient carry-in, mail-in, or in-home service, and you will receive peace of mind,

knowing your product is being given the expert attention of Philips' Factory Service.

COMMENT OBTENIR NOTRE SERVICE APRÈS VENTE RAPIDE ET EFFICACE SOIT PAR COURRIER, À DOMICILE, OU EN SE PRÉSENTANT À UN CENTRE DE SERVICE PHILIPS. PLUS DE 600 CENTRES DE RÉCEPTION DE PRODUITS À RÉPARER À TRAVERS LE PAYS: CONTACTER LE CENTRE DE SERVICE AUX CONSOMMATEURS LE PLUS PROCHE POUR SAVOIR L'EMPLACEMENT DE CES DÉPOTS DANS UN RAYON DE 50 À 75 MILES (80 KM À 120 KM) DU CENTRE DE SERVICE LOCAL.

CÓMO OBTENER UN SERVICIO OPORTUNO Y EFICIENTE POR CORREO, EN CASA O EN PERSONA PARA SU PRODUCTO A TRAVÉS DE UN CENTRO PHILIPS DE SERVICIO. MAS DE 600 SITIOS POR TODO EL PAIS PARA LA RECEPCION DE PRODUCTOS NECESITADOS DE REPARACIONES: COMUNICARSE CON EL CENTRO DE SERVICIO DE FABRICA MAS CERCANO PARA ESTOS LUGARES DENTRO DE UN RADIO DE 80 A 120 KM (50 A 75 MILLAS) DEL CENTRO DE SERVICIO LOCAL.

ATLANTA
Philips Factory Service
200 N. Cobb Pkwy., Suite 120
Marietta, GA 30062
800-273-1501

TAMPA
Philips Factory Service
1911 US Highway 301 North
Tampa, FL 33619
800-442-2027

SAN FRANCISCO
Philips Factory Service
681 East Brokaw Rd.
San Jose, CA 95112
800-300-9013

HOUSTON
Philips Factory Service
1110 N. Post Oak Rd., Suite 100
Houston, TX 77055
800-952-3254

CLEVELAND
Philips Factory Service
950 Keynote Circle
Brooklyn Heights, OH 44131
800-331-7037

DETROIT
Philips Factory Service
25173 Dequindre
Madison Heights, MI 48071
800-438-1398

DALLAS
Philips Factory Service
415 N. Main Street, #107
Euless, TX 76040
800-952-3254

CHICAGO
Philips Factory Service
1279 W. Hamilton Pkwy.
Itasca, IL 60143
800-531-2922

KNOXVILLE
Philips Factory Service
6700 D Papermill Rd.
Knoxville, TN 37919
800-821-1767

PHILADELPHIA
Philips Factory Service
352 Dunks Ferry Rd.
Bensalem, PA 19020
800-847-9320

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LIMITED WARRANTY

COLOR TELEVISION

90 Days Free Labor

One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)

This product can be repaired in-home.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For 90 days thereafter*, all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-894-5463
1-800-363-7278

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

Philips Consumer Electronics Company, P.O. Box 2976, Longview, Texas 75606, (903) 242-4800

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